

**MANILA** — Joem Elias Sañez is an architect (buildings) and full stack software developer (tech) with 8 years of professional experience. He worked with Herzog & de Meuron and Foster + Partners in New York after receiving his Master of Architecture from Columbia University. Raised in seven cities across the Pacific, Sañez appreciates the opportunities and constraints of trades, technologies and marketing strategies unique to client-project locales. As a creative tech professional, Sañez hones a rigorous approach for staying up-to-speed with tech to serve the various stages, scales and scopes of project delivery while remaining committed to a conscientious approach to documentation, representation, entrepreneurialism and leadership. In 2019, Sañez relocated to Manila to focus on data-centric software development via an Advanced Diploma in Full Stack Software Development ('21) at Code Institute. He maintains his research focus on computational design and blockchain web-app development within a Python-TypeScript-React tech stack.

## PROFICIENCY

**Tech Stack** [linkedin.com/in/joem-elias-sanez](https://www.linkedin.com/in/joem-elias-sanez)

Front-End / Mobile App Dev

TypeScript, JavaScript, Solidity, ReactJS / ReactTSX / ReactNative, Expo, Snack, HTML, SCSS, CSS, JSS, Jinja Templating, Stripe API, Framer Motion API, Styled-Components, Material-UI, Chakra-UI, Semantic-UI, Base Web UI, Tailwind, Bulma

Back-End / Database

Python, Java, Spring Boot, Django, Django Rest Framework, Flask, Flask Restful, MongoDB, Mongo Atlas, Mongo Shell, GraphQL, Graphene, MySql, SQL / NoSQL, PostgreSQL, Sequelize, SQLAlchemy, GCloud SQL, NodeJS / ExpressJS, Express Rest API, LoopBack4, DRF-Swagger UI, ReDoc / OpenAPI, Python BeautifulSoup / Scrapy, Jupyter Notebook, Google Colab

DevOps / Testing

Remix IDE, NextJS, Docker, DockerHub, Heroku, AWS, DigitalOcean Dropets, GCloud App Engine, Unicorn / NginX Server, Jest, Jasmine, Joi/Express-Validation, Factory-Girl, Nodemon, Python Unit Testing, StoryBook, FlowJS

**Repo Work Samples** [github.com/israelias](https://github.com/israelias)

CheatHub, A Network For All Our Code Snippets (Data-Centric Full Stack)

Live: [ch-snippets.vercel.app](https://ch-snippets.vercel.app)

Repo: [github.com/israelias/cheathub](https://github.com/israelias/cheathub)

SynonymsSearch, A Meaningful Thesaurus (Interactive Front-End)

Live: [synonyms.vercel.app](https://synonyms.vercel.app)

Repo: [github.com/israelias/synonym-chaser](https://github.com/israelias/synonym-chaser)

Resume Redux, A Comprehensive Curriculum Vitae (User-Centric Front-End)

Live: [sanez.vercel.app](https://sanez.vercel.app)

Repo: [github.com/israelias/resume-redux](https://github.com/israelias/resume-redux)

ThriftHub, An Online Thrift Store (Full-Stack Frameworks)

Live: in development

Repo: [github.com/israelias/django-react-ecommerce](https://github.com/israelias/django-react-ecommerce)

**Refs Recommendations** [sanez.vercel.app/#recs](https://sanez.vercel.app/#recs)

Michael Zhang, Associate at Zeckendorf Development

Managed Sañez directly ([LINK](#))

Gino Jacinto, COO at Legalex, VP of Unawa

Worked with Sañez at different companies ([LINK](#))

Per-Joan Dahl, Associate Professor at Lund University

Managed Sañez directly ([LINK](#))

Ioana Urma, Educational Designer at OANAcOLOR

Taught Sañez in college ([LINK](#))

## EDUCATION

**2021 Code Institute** Full Stack Software Development

Diploma in Software Development, Dublin, IE

Honors: Award of Merit Recipient for User-Centric Frontend Project "Resume Redux"

Award of Merit Recipient for Interactive Frontend Project "SynonymSearch"

Award of Merit Recipient for Data-Centric Full-Stack Project "CheatHub"

**2016 Columbia University** Graduate School of Architecture, Planning, and Preservation

Master of Architecture, New York, NY

**2010 Otis College of Art and Design** Architecture/Landscape/Interiors

Bachelor of Fine Arts, Los Angeles, CA

Honors: Cum Laude GPA 3.63/4.0

Angelo Donghia Scholarship for The Student Showing The Most Promise in Design

Interdisciplinary Concentration in Fine Art-Sculpture/New Genres

## AWARDS & RECOGNITIONS

- 2021 Merit Award, Code Institute Code Review Assessment (“CheatHub” on Data-Centric Full-Stack)  
Merit Award, Code Institute Project Repo Assessment (“SynonymSearch” on Interactive Front-End)
- 2020 Merit Award, Code Institute Project Repo Assessment (“Resume Redux” on User-Centric Front-End)  
Honorary Speaker, Code Institute at Trent Global College (on Building Information Modeling)
- 2019 Pinnacle Award, Best High-Rise Building Design (“50 Scollard” with Foster + Partners), 39th Annual BILD Awards
- 2011 Scholarship Recipient, University of Pennsylvania School of Design, 65% of Tuition Offer (deferred to attend Columbia University)  
Gold Winner, Spark Concept Design Awards (“Synthetic Stimulus” Architecture/Landscape Proposal)  
Gold Award, Spark Pro Awards (“Otis Social Space: Landscape Extrusion” Permanent Landscape Installation)  
Nominee, Julius Shulman Emerging Talent Award, LABC Architectural Awards (“Synthetic Stimulus” Architecture/Landscape Proposal)
- 2010 Honoree, AIA 2X8: VERGE Exhibition (“Helix Lofts”, Architecture/Interior Proposal)  
Nominee, Julius Shulman Emerging Talent Award, LABC Architectural Awards (“Urban Canvas” Architecture Proposal)
- 2009 1st Place, Donghia Portfolio Awards, US\$3,000 Scholarship Award (reviewed by Lewis.Tsurumaki.Lewis)  
Angelo Donghia Scholarship Award, US\$30,000 National Scholarship Award (awarded to 11 Design Students across the US)  
2nd Place, Exhibit Designers & Producers Association National Competition, (“Get Green”, Exhibit Proposal) US\$1,500 Award  
1st Place, Otis Spring Charette Competition
- 2008 1st Place, Otis Fall Charette Competition

## EMPLOYMENT

- 2021 **upGrad, Remote: Software Development Consultant/Mentor**, Nov 21–Present  
Industry Expert Mentor for Software Development, Remote (Full Stack)  
Responsible for twenty-four students in 8mo coding bootcamp focusing on data structures and web development  
Dedicate one-on-one daily sessions to oversee and guide student development through course  
Small-Group Coach for Software Development, Remote (Full Stack)  
Present bi-monthly walk-through of academic concepts in real-world applications to groups of twelve students  
Teach industry standard practices from high-level object-orientation to client-focused delivery in web development
- 2021 **Crossover For Work, Remote: Frontend Engineer**, Jul 21–Present  
Full stack web/native app, undisclosed (Java-TypeScript-React)  
Ensure type-safe continuous integration between backend interfaces in Java Spring Boot with GraphQL-served schemas  
Automate frontend abstractions for immediate TypeScript consumption on React and React Native  
Coordinate frontend unit tests, dependency checks and maintenance with backend updates with team of four
- 2021 **Freelance, Manila: Full Stack Software Developer**, Jul 19–Present  
Full stack web development, Remote (Python-TypeScript-React)  
Deliver and maintain web apps for eight+ local businesses on full stack CI (Django/Flask backend, React-TSX frontend)  
Propose data layer integrations to existing codebase and legacy frameworks that support existing and new prod. CMS/DBS  
Integrate native frontend integration via React Native with complex schemas on server-less GraphQL node  
Deliver and maintain phased dev/prod releases with AWS buckets, Google Cloud/App Engine continuous integration
- 2020 **Foster + Partners, Singapore: Architect**, Sep 18–Mar 20 (19 mo)  
New Foster + Partners APAC Office fit-out, Singapore (9 mo, SD-DD-CD-CA) – Project Lead  
Coordinated IT/MEP/Structural/fitting-out works, shop drawings, bespoke furniture with consultants for construction  
Development of overall project execution plan and standard operating procedures for APAC F+P services  
HQ Masterplan, Manila, Philippines (4 mo, Concept)  
Accomplished a land-swap acquisition proposal that launched Building Phase 1 of the proposed 2.5 hectare masterplan
- 2018 **Foster + Partners, New York: Architectural Designer**, Nov 16–Aug 18 (20 mo)  
50 Scollard Tower, Toronto, ON (6 mo, DD)  
Lobby + amenity floors scope lead, in charge of all shell + core coordination for podium of 63-storey residential tower  
Coordinated BIM drawings and visualisations with Toronto consultants, F+P London model team and 3-person NY design team  
PGA TOUR Headquarters, Jacksonville, FL (13 mo, Concept–DD)  
In charge of development of ETFE skylights and feature stair design; and management of all GIS data for site drawings  
Produced 90% of all digital models for visualisations and design studies; managed integration of changes in central model
- 2015 **Herzog & de Meuron, New York: Architectural Designer**, Aug–Dec 14, Jun–Sept 15 (9 mo)  
160 Leroy Street Residences, New York, NY (4 mo, CD–CA)  
Identified and coordinated atypical changes during construction and produced visualisations to guide revisions  
Park Avenue Armory Veteran’s Room, New York, NY (4 mo, Interiors/DD-CA)  
Prepared digital models and visualizations of custom-designed light fixtures
- 2014 **Herzog & de Meuron, Basel: Trainee**, Sept 13–Aug 14 (12 mo)  
FC Chelsea Stadium Expansion, London, England (5 mo, SD)  
Led the composition and fabrication of digital model for delivery of visualizations and 40+ physical models  
Skolkovo Institute of Technology Phase 1, Moscow, Russia (5 mo, DD)  
Coordinated 20+ annotated visualizations with facade, interiors, core, and structural teams for DD submission

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Skolkovo Institute of Technology Phase 1, Moscow, Russia (5 mo, DD)  
Coordinated 20+ annotated visualizations with facade, interiors, core, and structural teams for DD submission
- 2011 **Griffin Enright Architects, Los Angeles: Junior Designer**, Jan–Jun 11 (7 mo)  
LuxeLakes Villas, Cheng-Du, China (7 mo, SD–DD)  
Identified local zoning and code constraints to guide massing and concept design  
Prepared drawings and visualizations of individual residences and site plan for private developer

## LECTURES & PUBLICATIONS

- 2020 Honorary Speaker, Code Institute at Trent Global College: “The Future of BIM and the Built Environment”  
2017 Abstract 2015/2016, Columbia GSAPP: “Double Jointed” and “2½D: Between Dimensions At The Met”  
2015 Core I Studio Mentor and Tutorial Instructor, Columbia GSAPP, with critic Christoph Kumpusch  
2014 Abstract 2012/2013, Columbia GSAPP: “Phoenix Public Library Study”  
Urban Hopes: Made in China by Steven Holl, Lars Müller Publishers: graphic design and editing contributions  
2013 Abstract 2011/2012, Columbia GSAPP: “Thermoponic Institute”  
2010 History + Theory III Seminar Teaching Assistant, Otis College, with instructor Per-Johan Dahl  
2009 Otis Magazine, Vol. 6: “Urban Park”

## ADDITIONAL REFERENCES

Aaron Sinnott, Senior Product Developer, Code Institute Dublin, aaronsnig@gmail.com, Slack @aaron\_mentor  
James Barnes, Senior Partner, Foster + Partners New York, jbarnes@fosterandpartners.com, US +1 917 664 0202  
Olga Bolshanina, Associate, Herzog & de Meuron Basel, o.bolshanina@herzogdemeuron.com, CH +41 61 385 5632  
Giuseppe Lignano, Principal, LOT-EK; Professor, Columbia GSAPP, giuseppe@lot-ek.com, US +1 212 255 9326  
Linda Pollari, Chair; Environmental Design, Otis College of Art and Design, pollari@otis.edu, US +1 310 665 6868