

# Owen R. James

## Software Engineer

San Francisco, CA, 94123 · (425)-208-5924  
[orjames@berkeley.edu](mailto:orjames@berkeley.edu)  
[www.linkedin.com/in/owenrjames](http://www.linkedin.com/in/owenrjames)  
<https://github.com/orjames>

---

Software Engineer with a background in Civil and Geotechnical Engineering. Specialize in developing full-stack applications. Experience in technical communication, engineering thought processes, and collaboration. Adept in grasping new technical concepts quickly and utilizing them in an effective manner.

### SKILLS

React, JavaScript, jQuery, AJAX, HTML, CSS, Material Design, bootstrap

Python, Django, JavaScript (Node JS)

SQL – PostgreSQL (PSQL/postgres), Sequelize, NOSQL – MongoDB (Mongo), Mongoose

MERN - Mongo Express React Node JS, PERN- Postgres Express React Node JS

Version Control (Git / Github), JSON, XML

### PROGRAMMING EXPERIENCE

#### NextBook App

- Programmed full-stack application using JavaScript, Node.JS, Express, PostgreSQL
- Developed sign in/signup functionality with hashed passwords & authorization flow
- Incorporated 20 full RESTful routes, while leveraging a two foreign API's
- Developed recommendation engine based on saved user inputs

#### Complement App

- Programmed full-stack application using React, Node.JS, Express, mongoDB (MERN)
- Leveraged photo analysis tools, data visualization tools to analyze/display image data
- Developed sign in/signup functionality with hashed passwords & authorization flow
- Incorporated 8 React/MongoDB RESTful routes, including user cloud storage

### EDUCATION

**Software Engineering Immersive**, General Assembly, San Francisco (05/2019)

15-week, 1000+ hour intensive course. Developed fluency in full-stack software engineering with emphasis on work-related skill sets

**Master of Science in Civil Engineering**, University of California, Berkeley (05/2017)

**Bachelor of Science in Civil Engineering**, Cal Poly, San Luis Obispo (06/2016)

### RELATED EXPERIENCE

**Staff Engineer**, Langan Engineering • San Francisco, California (05/2017 – 05/2019)

- Performed technical analysis using civil engineering software for various geotechnical projects including the \$1 billion G.S. Warriors Arena (Chase Center), and \$1.6 billion Oceanwide Center
- Used excel-based VBA to design, analyze, and deploy programs for the Civil Engineering industry
- Managed full life cycle projects working with 10+ stakeholders
- Conveyed technical calculations and data to clients to assist in informed design, scheduling, and budgeting

### LEADERSHIP, INVOLVEMENT, AND AWARDS

*Outreach Scholarship Recipient*, California Polytechnic State University (1/100 recipients)

*UCA of SME Scholarship Recipient 2015*, Underground Construction Association (1/1 recipients)