

MICK ROTH - *Software Engineer*

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Skills: React, JavaScript, CSS, Bootstrap, JQuery, Mapbox, Node.js, Express, Sequelize, Postgres, PHP, MySQL, Ruby On Rails

PROJECTS

[Mental Math Master](#) - Math Game - Challenge your mental arithmetic
(HTML, CSS, Vanilla Javascript)

[NYC Trees](#) - Mapping the trees of New York City using Open Data API
(HTML, CSS, React, Mapbox, RestfulAPI, surge)

[Travelogue](#) - Mapping travel photos - Pin your travel photos to a map
(HTML, CSS, React, Mapbox, Node, Express, Sequelize, PostgreSQL, Heroku)

[Mick Medium](#) - Snapshots of New York City
(HTML, CSS, Bootstrap, Javascript, PHP, MySQL)

EXPERIENCE

Teaching Assistant - General Assembly (Software Engineering Immersive Program) 2019 - present

- Assist students with homework assignments and projects using contemporary languages, libraries, and frameworks, such as React, Javascript, CSS, Node.js, Express, and Ruby on Rails
- Direct students on problem solving, debugging techniques, and implementing solutions

Web Development Immersive Fellow - General Assembly 2018 - 2019

- Collaborated with colleagues to build full-stack, full-crud web apps
- Implemented agile workflow, MVC architecture, and RESTful APIs
- Acted as gitmaster: resolved conflicts, tested code, merged code
- Developed web app projects with Javascript, HTML, CSS, Node, Express, Postgres, and Ruby on Rails

Copy Editor - Cambridge University Press - freelance 2003 - 2019

- Inspect peer to peer journal articles for consistency and formality
- Cross reference and consolidate bibliographies
- Implement house styles

Bookkeeper/Day Manager - Bowery Presents (Music Hall of Williamsburg, Rough Trade NYC) 2011 - 2017

- Supervised staff and venue for private functions
- Prepared daily reports for cash revenue and expenditure, profit and loss statements
- Processed weekly payroll for all staff
- Reconciled monthly accounts payable and receivable

Database Associate - NYC Department of Transportation, ACCO 2009 - 2010

- Built and maintained Microsoft Access database integrating contract approval stages and prime contractor utilization payments to all subcontractors
- Managed file system contracts, wage rate interviews, bid logs, profile forms, pre-construction packages, certified payrolls, and labor law directives

Software Trainer/Librarian - Hunter College Music Department 2005 - 2008

- Assisted and trained students with musical software applications
 - Cataloged musical scores, books, and audio recordings for music department library
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EDUCATION

General Assembly - Web Development Immersive 2019

Per Scholas - CodeBridge - Web Development 2018

Hunter College - Bachelor of Arts - Thomas Hunter Honors 2008