

# Omar A. Mirza

*Full Stack Software Engineer*

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## EXPERIENCE

### **Software Engineer Intern @ Slack Technologies**

JAN 2021 // *San Francisco, CA*

- Enhanced user experience by refactoring Slack's Bolt TypeScript codebase to allow 'message' function to accept an array of patterns as input, rather than just a single pattern.
- Increased test coverage in Slack codebase by adding unit tests for new 'message' function, and for 'matchMessage' function.

### **Associate Professor (Tenured), Dept of Philosophy @**

**St Cloud State University, St Cloud, MN**

AUG 2010 - AUG 2020 // *St Cloud, MN*

OTHER POSITIONS HELD: *Assistant Professor*

- Promoted to associate professor, and granted tenure, for services to university and department.
- Published original research papers in prestigious, professional journals.
- Responsible for teaching over 600 students every year in courses including Critical Reasoning, Logic, Epistemology, and Multicultural Philosophy.
- Contributed to the university's distance learning program by developing, and teaching, online courses in Critical Reasoning and Multicultural Philosophy.
- Contributed to the religious studies program by developing, and teaching, brand new course on Islam.
- Contributed to student development by mentoring students applying for graduate school in philosophy, law, and business, and writing letters of reference for them.
- Contributed to student development by advising student organizations, and working with them to bring prestigious speakers to campus.

## SAMPLE PROJECTS

**Github Finder** – A front-end for the Github API, allowing users to search for developers. Built with React, including hooks such as useEffect, useContext, and useReducer.

<https://github-finder-omar6741.netlify.app/>

**React Madlibs** – The classic Madlibs game, realized in a React app.

<https://react-madlibs-second.netlify.app/>

## SKILLS

### **Web Languages & Technologies:**

JavaScript, TypeScript, HTML, CSS, Node.js

### **Libraries:**

React, Redux, jQuery

### **Programming Languages:**

JavaScript, Python

### **Frameworks:**

Express.js, Flask, Jest, Bootstrap

### **Database:**

PostgreSQL

## EDUCATION

### **Rithm School**

AUG 2020 - JAN 2021

// *San Francisco, CA*

Full Stack Web Development

### **University of California, Berkeley**

AUG 1994 - MAY 2003

// *Berkeley, CA*

Ph.D. in Logic and the Methodology of Science

### **Cambridge University**

AUG 1989 - AUG 1992

// *Cambridge, England*

B.A. in Mathematics

**Drum Kit** – A fun, user-friendly online device to create drum-like sound effects, built with JavaScript, HTML, and CSS. Built with JavaScript, HTML, and CSS.

<https://omar6741.github.io/drum-kit/>