

# Matthew HJ Jang

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## Education

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**University of California, Berkeley**

August 2014 – December 2018

**College of Letters & Science**

*Bachelor of Arts (B.A), Cognitive Neuroscience & Computational Modeling*

**Coursework:** Data Structures, Artificial Intelligence, Discrete Mathematics, Multivariable Calculus, Linear Algebra

**Proficient Skills:** JavaScript, React, Redux, Ruby on Rails, SQL, HTML/CSS, Git, AWS, Heroku, Sketch, UI/UX

**Intermediate Skills:** Python, Java, MongoDB, Express.js, Node.js, Webpack, RSpec, Jest, Adobe CC

## Professional Experience

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**The Home Depot Technology Center**

November 2019 – Present

*Full-Stack Software Engineer*

Atlanta, GA

- Build and support a world class replenishment engine that dynamically and reliably produces Raw Need Forecasts for airflows and SOQs to enable the right product in the right place at the right time to satisfy customer demands

**Geekbears**

January 2018 – May 2018

*UX/UI Designer & Consultant Internship*

San Francisco, CA

- Helped entrepreneurs around the globe develop cutting-edge apps and websites [Live Site](#)
- Created appropriate user experiences and solid interface for clients' products via Design Thinking
- Received constructive feedback from clients, and applied to iterations and A/B testing
- Used Sketch and Zeplin for design iterations, and assisted front-end development

**Qubit Security**

January 2017 – May 2017

*Software Engineering Internship*

Seoul, South Korea

- Improved real-time anti-hacking cloud detection via Plura.io to 6 seconds [Live Site](#)
- Led an analysis team of ten people in investigating Apache Spark's machine learning library (MLlib)
- Investigated a malware pattern-matching tool called YARA to detect common SQL injection and Ransomware signatures

## Projects

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**Shuttr**

[Live Site](#) | [GitHub](#)

*Find your inspiration: full-stack Flickr clone || React / Redux, Ruby on Rails, PostgreSQL, AWS*

- Created an intuitive interface using Rails and React components to provide a seamless website for sharing photos
- Constructed templates via React component architecture, enabling efficient development of intuitive user session forms and secure user authentication

**TimeSpare**

[Live Site](#) | [GitHub](#)

*Employment-oriented network service || MongoDB, Express.js, React.js, Node.js*

- Created an intuitive interface using the MERN stack that helps users find and offer temporary job openings in their local areas
- Constructed custom modal templates for user forms, and calendar API for bookings via React component architecture
- Incorporated the Axios.js library to make HTTP requests from Node.js