Matthew Jang

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Education

University of California, Berkeley   April 2014 – December 2018
College of Letters & Science
Bachelor of Arts (B.A.), Cognitive Neuroscience

Relevant Coursework: Data Structures, Computer Organization, Operating Systems, Object-Oriented Programming, Artificial Intelligence, Discrete Mathematics, Multivariable Calculus, Linear Algebra

Relevant Skills: Java, TypeScript, JavaScript, React, Redux, Python, C++, Ruby on Rails, SQL, HTML/CSS, Git, Bitbucket, Jira, Pivotal Tracker

Professional Experience

Trellis Rx   January 2021 – Present
Software Engineer   Atlanta, GA
- Build and support Arbor, a tool to help the patients and providers navigate the incredibly complex system of Specialty Pharmacy.
- Designing and developing full-stack software from databases, to backend, to UI, to analytics.
- Participating in the development of a continuous build architecture with constant iteration.

The Home Depot (Technology Center)   November 2019 – December 2020
Software Engineer   Atlanta, GA
One Replenishment Engine (ORE) Team - IT Supply Chain
- 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.

Item Data Management (IDM) Team – Product & User Experience
- Build and support Stibo System's STEP, an online tool for vendor partners to view, set up and maintain product data. This data feeds homedepot.com, supports The Home Depot (THD) supply chain initiatives, and drives the SKU setup process for merchandising.

Qubit Security   January 2017 – May 2017
Software Engineer Intern   Seoul, South Korea
- Improved real-time anti-hacking cloud detection via Plura.io to 6 seconds.
- 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

Shuttr   Live Site | GitHub
Find your inspiration: full-stack Flickr clone || React / Redux, Ruby on Rails, PostgreSQL, AWS
- Created an intuitive interface using React components and Rails 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
Employement-oriented networking service || MongoDB, Express, React, Node
- Created an intuitive interface using the *MERN* stack that helps users to quickly find and offer temporary job openings in the local areas.
- Constructed custom modal templates for user forms, and calendar API for bookings via React component architecture, and incorporated Axios library to make HTTP requests from Node.