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, Discrete Mathematics, Multivariable Calculus, Linear Algebra, Artificial Intelligence

Relevant Skills: TypeScript, JavaScript, React, Redux, Node, MongoDB, SQL, AWS, Segment, HTML/CSS, Git, Jira, Heroku, Iterable, SendGrid, Ruby on Rails, Python, Java, ChatGPT, GitHub Copilot

Professional Experience

PROVEN   August 2022 – Present
Senior Software Engineer
- Led high-impact projects to build and improve authentication, data analytics, CRM, site security, and architecture.
- Pioneered Passwordless authentication via Magic link and SMS with AWS Cognito and Amplify to simplify, improve, and personalize the login-to-purchase journey for millions of users.
- Improved both the quiz sign-up conversion rate, and the overall site login success rate by 15%.
- Integrated PROVEN into physical Sephora stores nationwide: here.
- Led third-party integrations from Friendbuy referral programs to Kickbox email validations.
- Interviewed, hired, and mentored new engineers.
- Worked with marketing, data, design, operations, QA, customer support, and CRM teams to gather requirements, and ship out high-quality features.
- Improved sprint planning, retrospective, code review, and documentation processes.

Trellis Rx   January 2021 – August 2022
Software Engineer (Full-Stack)   Atlanta, GA
- Build and support Arbor, a tool to help patients and providers navigate through the incredibly complex system of Specialty Pharmacy.
- Pioneered in-app Shipping integration and internal tools via database management, backend, UI, and analytics, ultimately speeding up internal processes from several days to several hours.
- Participated in the development of a continuous build architecture with constant iteration.

The Home Depot Technology   November 2019 – December 2020
Software Engineer (Full-Stack)   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.
- Co-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.