JAMES SHIN

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Education

University of California, Berkeley *Expected Graduation May 2022*
B.A. Computer Science *(Minor in Data Sciences)* *Cumulative GPA: 3.31, Major GPA: 3.49*
Relevant Courses: Efficient Algorithms, Data Structures & Algorithms, Discrete Mathematics, Program Structure, iOS Development, Data Science, Linear Algebra, Calculus, Database Systems, Operating Systems, Machine Structures

Professional Experience

Incoming Software Engineer Intern *Summer 2021 Internship*
ServiceNow

Software Engineer Intern
Avenu (Mobile Platform Development Team) *April 2020 - August 2020*
○ Developed mobile application for event promotion platform with React Native framework and Google Firebase suites
○ Implemented the friendships feature among users: designed the interface for friend invites and restructured the backend with Firestore's noSQL database to make more efficient fetch requests and save 300 reads per render
○ Rewrote the entire feature of creating events in order to allow users to customize tickets, guest list, and event personnel during event creation, and manage event settings later with React-Redux and state management
○ Increased engineering workflow efficiency by 25% by establishing local app emulators with sample data for testing
○ Taught the other developers emulator setup and use over Zoom calls, documentation, and Slack messaging
○ Responsible for features' entire development lifecycle, including implementation in beta released in 3 campuses; contributed over 10,000 lines of code in 53 commits including refactoring the existing codebase to support Firebase

Computer Science Academic Intern
UC Berkeley CS Department Data Structures Course *January 2020 - May 2020*
○ Instructed 50 students in 2-hour labs twice a week, facilitated discussion, and reviewed lecture and course material
○ Taught concepts like sort and search algorithms, complexity analysis, tree traversals, heaps, priority queues, and OOP

Relevant Experiences / Projects

Full Stack Engineer *Web Development at Berkeley* *October 2020 - Present*
○ Built user profile views/navigation bars using React for Clicked, a WDB client and EdTech start up with 1000+ beta users
○ Created Next.js API routes for users in MongoDB backend with different permission levels for database modifications
○ Built the sign up and login process with user authentication, using JSON Web Tokens and Bcrypt for session tokens
○ Collaborated with frontend, backend, and design teams with Agile development and Github version control

Front End Developer *kalenda.io* *January 2021 - Present*
○ React/Typescript/Next.js developer in a Berkeley-based team creating a platform for planning remote team meetings
○ Implemented design and functionality of landing pages, referral pages, and modular components built using Storybook
○ Collaborated remotely with Slack, Jira, and daily stand ups, gaining familiarity with agile development methodologies

Web Development Lead *shopspero.org* *August 2020 - Present*
○ Leading a team of four developers to build a website from the ground up with React and Chakra to open a virtual store showcasing Christian-themed merchandise as part of the remote marketing & sales solutions in response to COVID-19
○ Wireframing web pages with Figma, assigning tasks/tickets on Notion for web page or component development

Spam Email Classifier
○ Coding in Python with pandas, implemented a spam email classifier that performed with 99.5% accuracy on test data
○ Trained a logistic regression model with real world data of over 10,000 emails, and implemented features such as:
○ Extracting IP addresses, determining if email was forwarded, efficiently finding most common words in spam emails

Skills

Languages: Java, Python, Javascript/Typescript, HTML/CSS, React Native, Swift, SQL, noSQL, MongoDB MQL
Technologies: Node/Next, React/Redux, Firebase, Git, Github, Postman, VSCode, XCode, Figma/Illustrator, Jira, Slack