Gary Li

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EDUCATION

University of California, Irvine | Irvine, CA — Expected Grad: Sep 2020
Bachelor of Science in Computer Science — GPA: 3.2 | Dean's Honor List

SKILLS

Programming Languages: Python, JavaScript, C/C++, HTML, CSS, Java, TypeScript
Libraries: ReactJS, React Native, NodeJS, ExpressJS, Redux, Redux-Saga
Databases: MongoDb, Firebase, PostgreSQL, DynamoDB, RDS, SQL, NoSQL,
Other Tools: Git, VSCode, AWS, Heroku, Android Studio, Postman, DataGrip, Figma, Jest

WORK EXPERIENCE

Ippo Earrings | Irvine, CA — Jul 2020 - Present
Fullstack Engineer
- Architected client-side using React and Redux and server-side using NodeJS, ExpressJS, MongoDB, and Datadog
- Implemented a web monitoring tool to track traffic and user activities to improve product analysis
- Utilized Stripe to process payments and Oauth to authenticate and authorize sign ins
- Hosted backend server on Heroku

Episource | Gardena, CA — Jun 2020 - Aug 2020
Software Engineer Intern
- Created responsive and scalable UI components using ReactJS that are both maintainable and reusable
- Developed EpiAnalyst dashboards to enhance the user experiences for over 500 insurance companies
- Refined old structure to improve querying speed from $O(n^2)$ to $O(n\log n)$
- Eliminated bugs with Jest tests to ensure correct functionality and data and reduced 90% of manual testings

Prism Software | Irvine, CA — Mar 2020 - Jun 2020
Quality Assurance Technician
- Programmed Python scripts to automate software testing, resulting in a 60% decrease of manual testing time
- Automated web app testing with Selenium improving product delivery speed by 26%
- Black box tested company software products to prevent bugs

Blueprint at UCI | Irvine, CA — Sep 2019 - Jun 2020
Developer
- Coordinated with a team of 6 to create a full-stack project for a nonprofit organization that allows users to scrape blogs from various websites and reshare them onto their Shopify blog
- Organized team meetings and tasks to improve productivity and efficiency
- Focused on creating UCI Blueprint website using ReactJS

Dreams for Schools | Irvine, CA — Sep 2019 - Dec 2019
Appjam+ Program Mentor
- Empowered 20 middle schoolers with learning disabilities to develop their interests in computer science
- Mentored 4 kids to give them a hands-on technical experience in building a mobile game app using Thunkable
- Collaborated with 3 mentors to compose weekly lesson plans to motivate kids and cultivate their curiosities

PROJECTS

Nōtapp | *Firebase, ExpressJS, ReactJS, NodeJS, Redux* — August 2020
- Created a full-stack web-based text editor that formats code and highlights syntaxes based on the language
- Users can download notes into a .md file, customize color themes, search notes, and use a toolbar for text editing
- Used Firebase for authentications, sign ins, and storing notes

Stoinks | *Python, thinkScript* — May 2020
- Formulated an algorithm that utilizes Moving Average Convergence Divergence, Relative Strength Index, and 200-day Simple Moving Average on historical data to determine the best buying and selling point
- Utilized Python NLTK to process scraped data to help the algorithm make better decisions
- Tracked hundreds of stock movements using multithreading and reported results through a Discord bot

Transcend Life | *React Native, Firebase* — Jan 2020
- Assembled a full-stack mobile app that recommends restaurants to users based on past choices
- Constructed an algorithm that analyzes patterns in past choices, ranks them, and outputs relevant restaurants
- Used Firebase to store data, Yelp API to gather restaurant data, and Geolocation API for location services