JUNLIANG LU

dexterlu@gatech.edu
https://www.linkedin.com/in/junliang-lu/

https://junlianglu.me/

(415) 963-1215 | San Francisco, CA
https://github.com/junlianglu

SUMMARY

I am interested in being Software Engineer - Intern at Plaid.

EDUCATION

Georgia Institute of Technology   Expected Graduation: May 2024
Master of Science - MS, Computer Science   GPA: 4.0/4.0
University of California, Berkeley   Jan 2018 – Dec 2021
Bachelor of Science - BS, Electrical Engineering and Computer Science   GPA: 3.584/4.0

TECHNICAL SKILLS

• JavaScript ES6, Typescript, Java, Python, Ruby, C#, C/C++, Go, PHP, Kotlin, Scala, Swift, Objective-C, Assembly, R, MATLAB
• Front End: React/React.js/ReactJS, Hooks, Bootstrap, jQuery, EJS, HTML/HTML5, CSS/CSS3, DOM, Webpack, Babel
• Back End: Node/Node.js/NodeJS, Express/Express.js/ExpressJS, Mongoose, REST APIs, SaaS, RESTful Web Services
• Databases: MongoDB, NoSQL, MySQL, PostgreSQL, Oracle Database, SQL Server
• Tools: Git/GitHub, Visual Studio, NPM, JUnit, Docker, Chrome Dev Tools • Soft Skills: creative, dedicated
• Operating Systems: Unix/Linux, macOS, iOS, Windows, Android   • Cloud Platforms: Azure, AWS, Google Cloud Platform

EXPERIENCE

Self-Help for the Elderly, San Francisco, CA   Feb 2022 - May 2022
Full Stack Software Engineer Intern
• Enhanced functionality on web pages writing 80% of the code in CSS, HTML, JavaScript, and server-side Node.
• Collaborated with Marketing Coordinator in an agile environment on graphics to identify user needs with 95% accuracy.
• Maintained websites for reliability and fixed compatibility on mobile devices that increased user-friendliness by 20%.
Computer Science Department, City College of San Francisco   Aug 2016 - May 2019
Computer Programming Tutor
• Removed bugs from student codes in C++, Ruby, Java, Python, and SQL, making it 50% more efficient than before.
• Worked in an agile environment, improving the overall efficiency of company processes by 25%.
• Trained 50+ individuals in handling challenging problems with algorithms.

COURSE PROJECTS

• **Keeper:** (React, React Hooks, JSX, JavaScript, HTML/CSS) Using React, React Hooks, and JavaScript to build a React app that allows users to add or delete notes.
• **To-Do List:** (React, React Hooks, JSX, JavaScript, HTML/CSS) Using React, React Hooks, and JavaScript to build a React app that allows users to write down a to-do list and provide options to delete items in the list.
• **To-Do List MongoDB:** (Node, Express, Mongoose, MongoDB, Lodash, Dotenv, EJS, JavaScript, HTML/CSS) Using Node.js, express.js, and mongoose to build a website that uses MongoDB to store a single to-do list and allows users to add or delete items from the list.
• **Secrets:** (Node, Express, Mongoose, MongoDB, authentication, Passport, Dotenv, EJS, JavaScript, Bootstrap, CSS) Using Node, Express, and mongoose to build a website that allows users to register and log in with Google authentication, which then gives access to the secrets page where users can anonymously post.
• **Blog with Database:** (Node, Express, Mongoose, MongoDB, Lodash, Dotenv, EJS, JavaScript, CSS) Using Node.js, express.js, and mongoose to connect the MongoDB database and build a mini blog platform that allows users to compose articles and read articles.
• **Newsletter Signup:** (Node, Express, MailChimp API, SaaS, Dotenv, JavaScript, HTML/CSS) Using Node.js, Express, JavaScript, and Mailchimp API to build a signup page that asks the user for a name and an email input to sign up for our newsletter.
• **theGame:** (Java, OO design, Software Engineering) Using Java to develop a game that can generate random worlds.

INDIVIDUAL PROJECTS

photoBooth: (JavaScript, HTML, CSS, Node, SMTP, Web Application Development, NPM)   Jan 2022 - Feb 2022
• Developed a responsive reliable UI interactive website for users to select frames and take a snapshot.
• Developed scripts to build web services in the Back-End to allow delivery of instant taken images to a user.
• Improved user experience by implementing features for image upload and social media share buttons.
stemClub: (JavaScript, HTML, CSS, Bootstrap, Git, Front-End Development)   Dec 2021 - Jan 2022
• Developed scripts for landing reliable pages of a college club website and committed to influencing science students.
• Imported Bootstrap components to create animated elements and hover effects on texts and images.
• Applied CSS styles such as gradient colors on texts to optimize the user experience.

COURSES

Algorithms • Artificial Intelligence (AI) • Back End Development • Data Structures • Front End Development • Full Stack Development • Information Retrieval • Machine Learning • Object Oriented Design (OO Design) • Object Oriented Programming (OOP) • Optimization • Relational Databases • Security • Software Architecture and Design • Software Development • Software Engineering • Software Systems • User Experience Design (UX) • User Interface Design (UI) • Web Application Development