

Lucas Jablon

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EDUCATION

Santa Clara University, Santa Clara, CA September 2021 - June 2025

Bachelor of Science, Computer Science, and Engineering GPA 3.9

Courses: OOP and Advanced Data Structures, Probability and Statistics, Machine Learning, Computer Networks, Web Development (Planned Winter 2024)

LANGUAGES/FRAMEWORKS/SKILLS

Languages: Python, C, C++, C#, HTML, CSS, JavaScript, XML

Technologies/Frameworks: Bootstrap, Material UI, React.js, React Native, Expo, Node.js, Express.js, Flask, numpy, Scikit-learn, ASP.Net Core 6/7, Linux/Unix, Git, Google Cloud Platform, NoSQL, Azure, CosmosDb, MSTest, Agile Frameworks, Jira, CI/CD

Fields of Interest: Full Stack Development, Machine Learning, Mobile Application Development, Cloud, Software Engineering

PROFESSIONAL EXPERIENCE

Intern Software Engineer: Digital Dots Inc - Remote Irvine, CA, United States

July 2023 - Present

- Developed Performant RESTful Web APIs using Microsoft's ASP.Net Core API Framework and CosmosDb Database for various applications
- Wrote Microservices to perform and support the business logic for these services, such as a dashboard, widget, and settings services for IOT smart device data and telemetry
- Spearheading my own project to automate and integrate ETC hardware provisioning (setup for scenes, brightness, color, intensity, and more) with our Digital Twin mobile interface for our field engineers with our Digital Dots Services and overall API
- Completed the Agile development process for this solution from design, implementation, unit testing, and review to merge for these projects

Software Engineering Intern: GoodDay - Hybrid Santa Clara, CA, United States

March 2023 - June 2023

- Contributed to a team of 4 to build a cross-platform mobile App MVP to help community members overcome everyday addictions such as shopping and food, using React Native and a Node.js and Firebase backend
- Helped choose and train our employees on our tech stacks and bring new hires up to speed with our codebase
- Completed the development process for this app from design, implementation, and review to merge and presentation for GoodDay's Projects

PROJECTS/OPEN-SOURCE

Flight Club: Flight Deal Finder (Python) - Won 1st in the SCU ACM's Summer Challenge Competition

- Implemented a flight deal finder system that efficiently searched round trips flights to a list of destinations under a set price using the Tequila API to get flight data and interpret its response to the user

Nest Notifications (Python, Flask, Flutter, SQL) - 4th Place in INRIX's Santa Clara University Hackathon

- Developed a custom flask REST API to communicate to send SMS and Display INRIX's eta polygon on a Google Maps user interface and contributed with four other teammates to integrate our API with our client flutter App (Android and IOS) and database

Hands4Hope (Python, Flask, Flutter, HiveDb, Google Cloud Platform) - Hack for Humanity Hackathon

- Led a team to develop an application that allowed homeless people to connect and find support events, such as shelters and soup kitchens, using Google Cloud's Platform to locate the highest-rated events allowing data to be shared person to person without access to cellular service

Huffman Coding (C)

- Created a file compression program using the classic Huffman coding technique

LEADERSHIP/AWARDS/CLUBS

Mentor Collective, Mentor Collective Organization, Santa Clara University, CA

August 2022 - Present

- Mentoring a cohort of 10 1st-year SCU School of Engineering Students and holding certification as a trained mentor.

Dean's List and Scholarship Santa Clara University

March 2022 - Present

- Achieve and maintain a GPA of 3.8 or higher at SCU

Association of Computer Machinery (ACM)

September 2021 - Present

- Member of SCU's computer science club, hosts weekly workshops, meetings, and networking events

Tau Beta Pi Invitation

October 2023 - Present

- Awarded an invitation to join Tau Beta Pi (Engineering honors fraternity) by being within the top 1/8 of my class for over two years