

# Subin Lebow

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## EDUCATION

### University of Virginia

*BA in Economics and Computer Science*

Charlottesville, VA

*Aug. 2020 – May 2024*

## RELEVANT COURSEWORK

### *Computer Science Courses*

- Data Structures and Algorithms, Object Oriented Programming, Computer Organization, Computer Systems, Intro to Programming, Dynamic Programming and Greedy Algorithms, Software Architecture for Big Data
- UVA Software Engineering Program: 120 hours of full-time training in web-application development utilizing React, Git, Trello, Express, GCP, and Firebase in addition to designing and implementing CRUD APIs all within a collaborative setting (3-4 people)

## EXPERIENCE

### Software Engineer Intern

Jan 2023 – May 2023

*City of Charlottesville, IT Department*

*Charlottesville, VA*

- Leveraged the city's GIS database to develop an interactive crime mapping solution providing real-time updates to help locals navigate away from criminal activity; Developed using React, Typescript, SQL, and GIS
- Collaborated on the transition and adoption of SAP for the City of Charlottesville's new Payroll System

### Project Management Intern

Sep. 2022 – Feb. 2023

*University of Virginia, Contemplative Sciences Center*

*Charlottesville, VA*

- Led a diverse team of student developers and UI/UX designers to build a mental health application for the student health department, focusing on helping students mitigate stress by teaching healthy lifestyle habits through daily video shorts and interactive games/modules
- Leveraged A/B testing, organized focus groups, and conducted weekly code reviews for optimal product development, resulting in a 20% increase in user engagement during phase 2 of beta testing

### FrontEnd Developer Intern

June. 2022 – Aug. 2022

*Payment Labs*

*Los Angeles, CA*

- Spearheaded the redesign of the company's primary web platform, employing CI/CD practices, TypeScript, Next.js and Vercel
- Developed an optimized, mobile-responsive landing page for MALLO, resulting in a 20% increase in web traffic and 10% higher conversion rates

### Project Management Intern

Jan. 2022 – May. 2022

*DataLemur, Ace the Data Science Interview*

*San Francisco, CA*

- Co-led the early-stage development of a SQL-learning platform in collaboration with Kernelics; delivered a testable prototype in 2.5 months, beating the original 4-month timeline
- Utilized Trello for efficient task management, conducted weekly project reviews, and tracked critical milestones
- Formulated a user acquisition strategy, leading to over 500 initial paid users at launch and grew to 25,000 subscribers

## PROJECTS

### Lovesac-Quote AI | *HTML5, Javascript, Python, Flask, YoloV8, Git, CVAT*

June 2023 – Aug. 2023

- Developed a full-stack web application integrating a custom yoloV8 model for object detection for streamlined quote generation

## TECHNICAL SKILLS

**Languages:** Java, C++, Python, MySQL, JavaScript, TypeScript, HTML/CSS

**Frameworks:** React, Node.js, WordPress, Material-UI, ShadCN, Next.js, Framer

**Developer Tools:** Git, Docker, Kubernetes, Jenkins, Apache Kafka, Apache NiFi, OCI, Terraform CMS, Vercel, VSCode Visual Studio, PyCharm, IntelliJ, Eclipse, MS Office Suite