

Vuk Perisic

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EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

Expected Dec 2023

Bachelor's Degree in Computer Science

- **Coursework:** Machine Learning, Database Systems, Computer Security, Optimization Models, Computer Architecture, Data Structures & Algorithms, Discrete Math & Probability, Linear Algebra
- **Skills:** Java, Python, JavaScript, TypeScript, C, React.JS, Node.JS, AWS, MongoDB, SQL, Figma, Firebase, HTML, CSS

EXPERIENCE

PROJECT MANAGER

Aug 2023 - Present

PLEXTECH (STUDENT ORGANIZATION)

- Managing 6 devs in client project for AskOski cross-campus course transfer search system (used by 30+ NY colleges)
- Building cloud data ingestion pipeline and auth under specified timeline and scope (React, AWS Cognito/Lambda/S3)

PRESIDENT OF RESEARCH

Aug 2023 - Present

CLOUD AT CAL (STUDENT ORGANIZATION)

- Leading 9 devs in serverless integration project for MSK's (#2 US cancer center) cell classifier (AWS Lambda/Fargate)
- Reducing latency and enabling concurrent processing of high-resolution (>5 GB) images in containerized application

SOFTWARE ENGINEER INTERN

Jun 2023 - Aug 2023

QUIZLET

- Frontend - Developed components in TypeScript and Hack for 2 A/B tests that increased user engagement for teacher premium modes features
- Microservice - Utilized API calls to third-party Braze microservice to render customized upsell banners
- Unit Testing - Implemented unit test coverage in Jest under CI/CD pipeline

CONTRACT SOFTWARE DEVELOPER

Aug 2022 - May 2023

PLEXTECH

Songtradr Client Project

- Song Analysis Dashboard - Developed interactive visualization dashboard (React/TypeScript/Pandas) for Musicube API song data (hundreds of metrics with >10,000 timeseries values per song)
- Smart Recommendation - Implemented feature that autonomously extracts most relevant tags (out of 500+ attributes) for each song and suggests to user for further review

Hudl Client Project

- Mobile UI/UX - Designed and implemented user interface for mobile ticketing app (React Native/Expo/Figma)
- Firebase - Utilized Cloud Firestore API to dynamically query and filter data from document collections

SOFTWARE ENGINEER INTERN

Jun 2022 - Aug 2022

INTERN PURSUIT

- Back End - Created API endpoints (Express/Node.JS) to connect features with MongoDB data flow and enable updating and autofill of user information
- User Interface - Developed interactive UI components (React.JS) under Agile workflow
- Testing - Conducted audit of new platform features and coordinated with 3 intern teams on resolution of documented bugs, helping bring company web application to full functionality

PROJECTS

CONSOLIMATE

Jul 2023 - Present

- Utilizes Plaid API to securely connect to a user's bank account when they open a new debit/credit card and analyze their transactions to automatically detect all recurring online payments that need to be updated
- Created with React for front end and AWS Amplify/Lambda/API Gateway/DynamoDB/Cognito for back end