Brendan Leung

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EXPERIENCE

District Coordinator Nov 2024 - Present
Educational Consulting Services, Inc. | Sacramento, CA
- Facilitates communication, administrative, and technological processes by managing inquiries via phone, email, and other channels to meet business needs between the California Board of Education and Twin Rivers School District
- Prepares and distributes invitations, maintains attendance records, and manages payroll and staff databases using Microsoft Excel to support programs serving over 20,000+ students and 100+ teachers

Software Engineer Intern Jan 2024 - Jul 2024
UC Davis Computer Science Department | Davis, CA
- Worked on an effective and user-centric mobile diabetes management application using React Native and Python, effectively user-testing and iterating weekly on 8 applicants through a user study
- Connected user-centric frontend user flow to retrieve 15-minute glucose data through APIs, built on Google Cloud
- Engineered operational frontend code for onboarding pages and glucose prediction charts using React Native and complementary frameworks, connecting with backend APIs to effectively update glucose data 100+ times/hour

Frontend Developer Jan 2023 - Apr 2023
#include at UC Davis | Davis, CA
- Programmed 3 reusable components and webpages by translating built storyboards on Figma into frontend code through React Native, JavaScript, and Python
- Collaborated 3–5 times per week with stakeholders, designers, and project managers to conduct code reviews and deliver a user-centric web application that promoted local Davis tutoring services

Technology Instructor Jun 2022 - Aug 2022
Edventure More | San Francisco, CA
- Facilitated, structured, and executed lesson plans for 20+ children weekly in grades 1-5, creating a healthy space for children to learn social skills and grow in their knowledge of computer science
- Re-designed, edited, and directly implemented curriculum with a 25% increase in created lessons to effectively fit program needs with differentiated instruction, technological design and social-emotional skills at the forefront

Computer Room Media & Technology Consultant Sep 2021 - Jun 2024
Information and Educational Technology | Davis, CA
- Provided hardware and software support to an array of 20,000+ UC Davis students and staff in a helpdesk environment
- Assisted clients through common technical issues through MacOS, Windows, Adobe Cloud, and Microsoft Office, creating a welcoming and open space for clients to ask for assistance openly
- Won **Student Employee of the Quarter** in March 2023 through display of excellent communication, work ethic, and helpfulness

PROJECTS

GluChart | React, JavaScript, Python | devpost.com/software/gluchart May 2023
- Worked with a cross-functional team to create GluChart, a machine learning model hosted on Microsoft Azure that allows diabetic users to see accurate 60-minute glucose predictions based on inputted glucose, meal, and insulin levels
- Developed automatically-updating chart interfaces that communicates effectively with backend code using React and Chart.js
- Won **Best Hack for Social Good** and **Best Healthcare Hack** for a project implemented in less than 24 hours

EDUCATION

University of California, Davis | Bachelors of Science in Computer Science
- Relevant classes: Algorithms and Data Structures (C++), Algorithm Design and Analysis, Machine Learning

SKILLS

- **Frontend development:** HTML/CSS, JavaScript, Typescript, React.js, React Native
- **Backend development:** C++, C, C#, Python, Java, Node.js
- **Other:** Windows, MacOS, Linux, Git, Microsoft Office, Adobe Suite, Google Suite, VSCode