Justin Le

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Education

California State University, Monterey Bay   *Seaside, California*

B.S. in Computer Science, Concentration in Software Engineering   *Aug. 2018 - Dec. 2022*

- **Relevant Coursework**: Data Structures, Algorithms, Data Science, Operating Systems, Software Engineering, Databases, Internet Programming, Software Design, Computer Architecture, Calculus, Discrete Math
- **Cumulative GPA:** 3.8/4.0
- College of Science Dean's List for Fall 2018, Spring 2019, Spring 2020, Fall 2020, Spring 2021

Projects

OtterWater

Node.js, Express, AWS S3, MySQL, JavaScript, HTML, CSS   *May 2021 - Present*

- Developed a web application using Node.js and Express that uses crowdsourcing to create an interactive map of the campus at CSUMB.
- Improved consistency of user data uploads upwards of 50% by migrating from previous image hosting service to AWS S3.
- Increased daily application uptime by 80% by deploying through Heroku hosting services

Cookshelf

Java, Parse   *March 2021 - May 2021*

- Collaborated with a team of 3 other developers to create an Android app that allows users to upload and save recipes using Java.
- Rapidly deployed a cloud backend to store user and recipe data using Parse with Back4App
- Actively participated in weekly sprint meetings to identify and develop features that meet proposed user stories.

Experience

Surfrider Foundation Monterey County Chapter   *Monterey, California*

Quality Assurance Intern   *Aug. 2021 - Dec. 2021*

- Worked with a team 5 to test and polish geo-location based walking tour app.
- Improved tour route usability by using acceptance testing methods.

California State University, Monterey Bay   *Seaside, California*

Internet Programming Teaching Assistant   *Aug. 2021 - Dec. 2021*

- Aided over 70 students in learning web development foundations as well as modern web technologies such as Node.js and Express.
- Graded student work based on submission quality and conducted office hours to help individual students.

California State University, Monterey Bay   *Seaside, California*

Operating Systems Teaching Assistant   *June 2021 - Aug. 2021*

- Assisted over 40 students in understanding key concepts about operating systems ranging from concurrency and process management to file systems and virtualization.
- Held office hours as well as designed exam review sessions for students seeking additional help.

Extracurricular Activity

California State University, Monterey Bay Programming Team

Club Member   *Fall 2018 - Present*

- Engage in weekly team based programming competitions focused on finding solutions to programming problems drawn from previous international programming competitions.
- Collaborate with other club members to discuss and develop optimal solutions using a variety of data structures and algorithms.

Technical Skills

Languages

- C++ · JavaScript · Python · Java · C · C# · SQL

Frameworks/Libraries

- Node.js · Express · Django · Bootstrap · jQuery

Data/Tools

- MySQL · Parse · Git · Android Studio · Unity