

# Alissa Niewiadomski

design-minded software engineer

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## EDUCATION

### University of California, Los Angeles

B.S. Computer Science | Class of 2020

Relevant Coursework: Introduction to C++, Data Structures and Algorithms, Computer Architecture, Principles of Operating Systems, Discrete Structures and Probability Theory

### Horizons School of Technology

Full Stack Software Engineering | San Francisco, CA | June - Sep 2017

## WORK EXPERIENCE

### Yumi

Frontend Engineer | Sep 2018 - present

Spearheaded development of React frontend for Yumi's e-commerce site in major code refactor. Implemented new designs for site, including homepages, checkout process, and accounts views. Designed and developed frontend of admin dashboard for SMS reminder campaign system.

### ClassCalc

JavaScript Engineering Intern | June 2018 - Sep 2018

Developed iOS matrix calculator in React + Redux and custom mathematical expression parser w/ Jison. Improved expression parsing and logic for systematically formatting answers for scientific calculator. Optimized user interactions on touch events for graphing calculator with a map of priorities for objects.

### Campus Events Commission at UCLA

Assistant Director of Web Development | Sep 2017 - present

Developed frontend of mobile app using React Native and Redux for UCLA's largest events organization. Oversaw project management for team projects, including CEC's mobile app and main website. Teach frameworks/technologies at staff workshops, including React, HTML/CSS, and Node.js.

## PROJECTS

### Ohutu

Community-based mobile app for walking home safely

Architected a REST API backend for React Native application for aggregating and updating locations where users indicated they felt unsafe. Designed and developed UI, along with authentication process.

### Personal Finance Ledger App

Desktop application to help develop financial responsibility

Developed and designed frontend for Electron app using React and Redux. Implementing budgeting and categorization features to help users visualize spending habits.

## SKILLS

**Programming Languages** JavaScript (advanced), C++ (advanced), Python (proficient), Bash (basic)

**Frameworks** Node.js, Express, MongoDB, React, React Native, Redux, jQuery, Socket.io, Heroku

**Skills/Software** Adobe Illustrator, Sketch, Framer, HTML, CSS, Xcode, Maya