MORGAN YOUNG

myoung4959@gmail.com | (916) 836-7233
linkedin.com/in/morgan-a-young | github.com/missmorganyoung | morganashleighyoung.com

EDUCATION

University of Nevada, Reno — *B.S. in Computer Science and Engineering* ***Aug. 2020 - May. 2024***

- GPA: 3.71/4.00
- Coursework - Fall 2020: MATH 283 Calculus 3, CS 135 Computer Science 1, ENGR 100 Introduction to Engineering Design
- Coursework - Spring 2021: MATH 330 Linear Algebra, CS 202 Computer Science 2, CPE 201 Digital Design, PHYS 180 Physics 1
- Activities/Organizations: Honors College, Society of Women Engineers, Wolf Pack Entrepreneurship Club, Nevada Cyber Club
- Honors/Awards: Presidential Scholarship - College of Engineering, Class of 2024

SKILLS

- **Professional Skills:** Project Management, Team Leadership, Communication, Strong Self-Discipline
- **Softwares/Programs:** Arduino, Xcode, Atom (Text Editor), Visual Studio Code, Git, Microsoft Office, Google Workspace, Linux OS, Mac OS, Windows OS, Adobe XD, Figma, Canva
- **Programming Languages:** C, C++, Bash, Python, HTML, JavaScript, CSS, Java, Swift

TECHNICAL EXPERIENCE

Kode with Klossy, Web Development Student — ***Virtual*** ***Jul. 2020 - Aug. 2020***

- Attained 60+ hours of intensive instruction in basic web development programming languages (HTML5, JavaScript, CSS)
- Engaged in a creativity-centric website design challenge for makeup company, Estée Lauder (timeline - 3 days)
- Collaborated with 2 other students to create and present Combating Climate Change, a fully responsive website to increase awareness and education about climate change and solutions to the issue

Girls Who Code Summer Immersion Program, Student — ***Twitter HQ, San Francisco, CA*** ***Jun. 2019 - Aug. 2019***

- Immersed in 240+ hours of intensive instruction in Scratch, Python, Arduino C, and HTML/CSS with mentorship and exposure to Twitter's engineers, product managers, and interns
- Spearheaded a team of 5 students to engineer and pitch DreamReady, an iOS mobile application that paired with an Arduino Pulse Monitor to monitor sleep patterns through heartbeat, and analyze and report the respective data (timeline - 14 days)

Program Your Future Immersion Class, Student — ***UC Berkeley, Berkeley, CA*** ***Jul. 2018***

- Achieved 16+ hours of intensive coursework in Python, HTML, JavaScript, and CSS
- Mastered and implemented the processes of product prototyping, product development, teamwork, web development, and Android Mobile Development, in small teams of 3 and large teams of 12
- Collaborated with 2 other students to produce and demonstrate nAPP, an Android mobile application to set clock alarms and display sleep facts, with Python, JavaScript, MIT App Inventor, and AI2 - Android Emulator (timeline - 24 hours)

PROJECT EXPERIENCE

RoomieRover — iOS Mobile Application *(Biggest Little Hackathon - Project)*

- Developed an iOS Mobile app with Swift (using Xcode) that matched potential roommates with each other based on a compatibility algorithm that used criteria including personality traits, lifestyle preferences, hobbies, and social life
- Awarded 2nd Place in the App Category of the Biggest Little Hackathon 2020
- Tech Stack: Swift 5.3.1, Xcode 12.2, Ruby, CocoaPods, Firebase, CloudKit, and GitHub

Combating Climate Change — Responsive Website *(Kode with Klossy - Final Project)*

- Architected a website with 2 other students to increase awareness and education about climate change and clean energy
- Tech Stack: HTML5, CSS3, JavaScript, jQuery, GitHub Pages, Google Maps

WiFiFuze — iOS Mobile Application *(Personal Project)*

- Designed and engineered a native iOS mobile application that would connect the user to WiFi utilizing the iPhone's built-in camera to scan a QR code containing the SSID and password of the target WiFi network
- Released on the App Store on Nov. 26, 2019, garnered 2,500+ product page views on the App Store, demonstrated a 28.7% conversion rate, sold 700+ units, and reported 0 in-app crashes

DreamReady — iOS Mobile Application *(Girls Who Code - Final Project)*

- Implemented an iOS Mobile app with Swift (using Xcode) that received data from a pulse monitor (programmed with C in Arduino IDE) bracelet to monitor sleep activity through pulse, analyzed the respective data, and reported data to the user
- Assisted in designing a website to showcase both the product and skills that were learned throughout the 7-week program
- Tech Stack: Swift 5.0.1, Xcode 10.2.1, HTML, CSS, JavaScript, C, Arduino, GitHub