Alex Rasla

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EDUCATION

University of California, Santa Barbara, Santa Barbara, CA   Expected Graduation 2021
BS in Computer Science
GPA: 3.84
Relevant Coursework: Computer Science Project, Organization and Design Logic, Data Structures and Algorithms, Advanced Applications Programming
Awards: College of Engineering Honors Program, Dean's Honors List

PERSONAL PROJECTS

NavSB, UC Santa Barbara   *April 2019 — June 2019*
- Developed an iOS app with an interactive map of the UCSB campus and the surrounding area that includes Augmented Reality features and navigation
- Learned and developed code in Swift using Xcode, mastered Apple's ARCL Kit and MapKit, and integrated the mapbox library
- Used github to save and update code, trello to plan and stay consistent with deadlines, and travis.ci to test code

Face Filter, UC Santa Barbara   *January 2019 — February 2019*
- Developed a facial recognition software in C++ that filters the face with an image of the user's choice from a user selected filter
- Utilized and mastered C++ object oriented design and the OpenCV C++ library
- Developed an interface for the user to seamlessly interact with the software with Qt Creator

WORK EXPERIENCE

Wimet, *Software Development Intern,* Buenos Aires, Argentina   *June 2019 — August 2019*
- Selected from hundreds of students to intern abroad for a startup
- Worked alongside the CEO and CTO/Lead Developer to enhance and develop the company's website
- Learned to code in HTML, JavaScript, PHP and utilized the Laravel framework

NAVCO Security, *Computer Technician Intern*, Anaheim, CA   *June 2018 — August 2018*
- Spearheaded a time-sensitive security system upgrade project for Wells Fargo
- Programmed hundreds of hard drives used for the project
- Repaired dysfunctional and/or damaged DVR software and hardware

LEADERSHIP AND INVOLVEMENT

Institute of Electrical and Electronics Engineering, Member, UC Santa Barbara   *April 2018 — Present*
- Develop sophisticated personal software projects based on a given outline
- Learn to utilize different IDE's, C++ functionalities, and C++ libraries outside of a classroom curriculum
- Program and debug highly integrated software that span numerous files and utilize various C++ libraries

UCSB Startup Weekend, Participant**,** UC Santa Barbara   *February 2018*
- Researched and developed a MVP for an application that allowed students to interactively learn online
- Present the minimum viable product to a panel of judges to receive feedback and criticism