

KRISTOF OSSWALD

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EDUCATION

University Of Southern California, Viterbi School of Engineering - Los Angeles

May 2021

Bachelor of Science, Computer Science

3.5 GPA

- Relevant Courses: Data Structures, OOP, Algorithms, Embedded Systems, Robotics, Networks
- Extracurriculars: Entrepreneurship Society, State Champion in Basketball and Golf

JOB EXPERIENCE

USC Information Sciences Institute - Marina Del Rey, California

Aug. 2019 - Present

Research Volunteer / Software Engineer

- Developing flight system software for a 1U CubeSat
- Integrating PyCubed as Power Management interface
- Constructing communication protocol for I2C bus

Flex Automotive Ltd - Farmington Hills, Michigan

May 2019 - Aug. 2019

Embedded Software Engineer / Autonomous Intern

- Lead development and delivered an automated Inertial Module CAN flashing tool for production
- Halved flashing time and doubled amount of devices programmed simultaneously
- Analyzed and fixed source code for MISRA C 2012 compliance and static analysis using Polyspace
- Executed 300+ mile data collection calibration testing for Chassis Motion Module
- Provided on-site customer support for autonomous vehicle software related issues

TurnoverBnb - Honolulu, Hawaii

May 2018 - Aug. 2018

Full Stack Developer Intern

- Developed websites using Laravel with VueJS
- Incorporated and analyzed Mixpanel analytics and A/B page testing
- Created voting page for feature recommendations

Intel Open Source Technology Center - Hillsboro, Oregon

Jan. 2017 - Sept. 2017

Lab Intern

- Collaborated with customers and technicians for troubleshooting/reworks/flashing
- Managing high-value inventory maintenance and logistics

Burrito Company GmbH - Munich, Germany

June 2016 - Dec. 2018

VBA Application Developer

- Proposed, developed, and implemented cashflow/personal management system
- Reduced monthly accounting man hours by 75%

SKILLS AND INTERESTS

Programming Languages - C/C++, Java, PHP, HTML/CSS/JS, Python, VB, Swift

Programming Frameworks - Laravel, VueJS, Bootstrap

REFERENCES

Hassan Hamid - Flex, Resident Engineer

hassan.hamid@flex.com

Lakecia Gunter - Intel, VP of Programmable Solutions Group

lakecia.n.gunther@intel.com

Assaf Karmon - TurnoverBnb, Co-founder and CEO

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