

Jacob Collier

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Education

Oregon State University

Sept. 2016 – June 2021

- Electrical and Computer Engineering Major – Computer Engineering
- Strong Computer Proficiencies – C, C++, Python with pandas and numpy, spreadsheet tools, AutoCAD software
- Additional Relevant Courses:
 - Vector Calculus, Physics with Calculus, Matrices and Power Series
 - Machine Learning
 - VLSI: SystemVerilog and DesignVision
 - Multimedia Systems: video and audio compression

Prior to University

- Acceptance and completion: Stanford HSSC program June 2015 – August 2015
- High School Valedictorian: graduated June 11, 2016

Core Strengths

- Attention to detail
- Highly motivated
- Enthusiastic learner
- Promotes a positive work environment

Professional Experience

HP Package Activity Logger Capstone project

Sept 2020 – June 2021

- Planned, developed, and implemented a working Package logger as part of a remote team
- Practiced project management, teamwork, and communication skills in a remote-work setting

Intel Corporation MIO Intern: Signal Processing

June 2020 – Nov. 2020

- Worked remotely to automate high volume signal processing solutions
- Created data processing support tools resulting in greater than a tenfold efficiency increase

City of Salem IT Dept. - IT Intern

April 2018 – Sept. 2018

- Developed database solutions and attained proficiencies in ASP.NET MVC
- Invitation to return, declined to focus on coursework

Oregon State University - Resident Assistant

March 2017 – March 2019

- Earned an early-hire position, thoroughly met and exceeded the duties of an RA with condensed training
- Honed interpersonal and delegation skills, and successfully managed time with my degree

Collier Law - Office Assistant

Nov. 2015 – Sept. 2016

- Planned and implemented office organization strategies, facilitated clearer communication
- Documented, standardized, and optimized office routines, practiced unobtrusive assistance and autonomous work

City of Salem Parks and Recreation - Trail-Building Initiative Project Lead

March 2013 – May 2013

- Formulated and executed a comprehensive trail-building project for Salem Parks and Rec.
- Refined leadership, planning, delegation, and time management skills seeded in scouting

Clubs, Sports, and Hobbies

- Founding Member, OSU Overclocking club Oct. 2017 – May 2019
- Successful tryout period and invitation, Oregon State Rowing Team Sept. 2017 – Oct. 2017
- Member, High School Marching Band 2014 – 2016
- Team Captain, High School Water Polo; Oregon State Water Polo member 2013 – 2017
- Runner: 3 Half Marathons, Trained for 1 Marathon (injury) 2015 – Current
- Baking and cooking: Self-taught, I bake treats for self care and meal prep Early – Current

Leadership training

- National Youth Leadership Training through the Boy Scouts of America
- Leadership Youth program through the Salem Area Chamber of Commerce
- Served as a student member on the Salem Police Foundation Board