

CHRISTOPHER J. BOHLMAN

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EDUCATION

B.S. in Computer Science

May 2019

Minors: Physics and Mathematics | Cumulative GPA: 3.725

University of Arizona, Tucson, Arizona, United States

Relevant Coursework: Algorithms, OOP, Analysis of DS, Parallel/Dis. Prog.,
Software Engineering, Computer/Cyber Security, Operating Systems

PROGRAMMING SKILLS

Front End: HTML/CSS, Javascript

Back End: SQL, Java, C++, Python

Testing

Databases: SSMS, MySQL

SDLC

Web Development: Flask, Django, HTML/CSS, Javascript

ADDITIONAL INFORMATION

Languages: English, Spanish (intermediate), German (beginner)

PROFESSIONAL EXPERIENCE

Tech Team Member, FAST Enterprises

06/2019 - Present

Oregon Department of Transportation, Salem, Oregon, United States

- Interfaces
- SQL
- IT Work

Software Developer, MagAO-X at Steward Observatory

05/2017 - 06/2019

University of Arizona, Tucson, Arizona, United States

- Worked with MagAO-X software library in C++ and built applications to monitor system usage statics for future adaptive optics systems
- Part of team that will deploy MagAO-X system in Fall 2019
- Developed software in C/C++ and experimentally tested detector setups that allowed for image taking/analysis within adaptive optics systems

Intern, Cybernetics Lab IMA & IfU

05/2018 – 07/2018

RWTH-Aachen University, Aachen, NRW, Germany

- Programmed data mining techniques in Python to automate extraction of e-learning trends from Wikipedia and Twitter
- Worked with multiprocessing and multithreading in Python to improve overall program performance
- Part of a team with another U.S. undergraduate student
- Presented findings at UROP Study Abroad Symposium

Intern, NASA/Arizona Space Grant Consortium

09/2016 – 05/2017

University of Arizona, Tucson, Arizona, United States

- Selected as an intern for the Space Grant Consortium

- Used Python to analyze and calibrate data from the Clio detector for the Magellan Adaptive Optics system
- Presented findings at NASA/Arizona Space Grant Consortium Symposium

OTHER EXPERIENCE

Honors Student, CodePath iOS University Course

08/2018 – 12/2018

- Participated in bootcamp style, project focused iOS development course through the University of Arizona.
- Applied skills to building an original app during the course. Presented finished product at a demo day.