

FAUZI KLIMAN

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EDUCATION

Bachelor of Science, Computer Science
Oregon State University

March 2020
Corvallis, OR

EXPERIENCE

Software Engineering Intern

June 2019 - December 2019

Daimler Trucks North America

Portland, OR

- Added user facing features in C# using the Windows Presentation Foundation framework and DevExpress library
- Retrieved, processed, and formatted data from a DB2 database using SQL and Alteryx Designer to determine the root cause of custom work orders on trucks to increase production efficiency

Undergraduate Teaching Assistant

September 2018 - June 2019

Oregon State University - College of Engineering

Corvallis, OR

- Compensated hourly to tutor and evaluate students for an Intro to Computer Science II course where students learn object-oriented programming and data structures using C++
- Lead weekly C++ labs on various topics such as inheritance, polymorphism, and debugging using GDB
- Hosted office hours to guide students with their assignments and for general programming support

Software Engineering Intern

April 2018 - September 2018

3D Systems

Wilsonville, OR

- Created a graphical user interface application in JavaScript using Node.js with the Electron framework to view real-time data from a 3D printer that could save the company over \$100,000 a year
- Built a Python 3 command-line tool, with isolated unit tests inside a Docker container, to create software upgrade packages for 3D printers
- Designed and developed from the ground up a multi-threaded network application in C/C++ to capture data from a 3D printer in real-time

Software Developer

June 2016 - March 2018

Oregon State University - Department of Integrative Biology

Corvallis, OR

- Worked full-time during the summer and part-time during the school year on TaxonWorks, an open source Ruby on Rails project that is an online workbench for taxonomists and biodiversity scientists
- Parsed data stored in a PostgreSQL database using PHP and SQL to convert it into a format recognizable by TaxonWorks using Python 3
- Implemented tasks in TaxonWorks, features for manipulating data, using JavaScript with the Vue.js frontend library

TECHNICAL SKILLS

Programming Languages: C/C++, Python 3, JavaScript

Version Control Systems: Git

Development Environments: Windows, Linux