FAUZI KLIMAN

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EDUCATION

Bachelor of Science, Computer Science   **March 2020**
Oregon State University   Corvallis, OR

EXPERIENCE

Software Engineering Intern   **June 2019 - December 2019**
Daimler Trucks North America   Portland, OR
- Added user facing features to a desktop application written in C# using the Windows Presentation Foundation framework and DevExpress library that increased the user base by 40% over 3-months
- 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
- Developed multi-process Python 3 and multi-threaded C++ application, that are 2x and 18x faster respectively to previous process, to transpose and interpolate packets of information from trucks

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 desktop 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 automate the process of creating software upgrade packages for 3D printers to reduce human labor
- Designed and constructed from the ground up a multi-threaded C/C++ application to capture live data from a 3D printer and transmit it over the network in real-time to a desktop application for viewing

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 an in-house Python 3 application
- Implemented tasks in TaxonWorks, features for manipulating data within the system, using JavaScript with the Vue.js frontend library

TECHNICAL SKILLS

Programming Languages: C++, Python 3, JavaScript, C#, C
Version Control Systems: Git, Team Foundation Server
Development Environments: Windows, Linux