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
- Implemented user facing features to a desktop application in C# using the Windows Presentation Foundation framework and DevExpress library to increase the user base by 40% over 3-months
- Developed a multi-process Python 3 and multi-threaded C++17 application, that are 2x and 18x faster respectively to the previous process, to transpose and interpolate sensor data from Daimler trucks
- Retrieved, processed, and formatted data from a DB2 database using SQL and Alteryx Designer to help determine the root cause of custom work orders on Daimler trucks to improve production efficiency

Software Engineering Intern   **April 2018 - September 2018**
3D Systems   Wilsonville, OR
- Created Data Analyzer, a desktop application in JavaScript using Node.js and the Electron framework to display real-time information from a 3D printer that could save the company over $100,000 a year
- Designed and constructed from the ground up a multi-threaded C/C++ application to record data from a 3D printer and transmit it over the network in real-time to the Data Analyzer application for viewing
- 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

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 an open source Ruby on Rails project called TaxonWorks, an online workbench for taxonomists and biodiversity scientists
- Taught myself PHP and SQL to parse data stored in a PostgreSQL database and then feed it into a Python 3 application I developed in order to transform it into a format recognizable by TaxonWorks
- Added user facing features in JavaScript with the Vue.js frontend library to allow users to manipulate their data within TaxonWorks

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 about object-oriented programming and the inner-workings of data structures in C++
- Lead weekly C++ labs on various topics such as data structures, inheritance, and polymorphism
- Hosted regularly office hours to guide and mentor students with their programming assignments

TECHNICAL SKILLS

Programming Languages: C++, Python 3, JavaScript, C#, C, Java
Tools/Frameworks/Libraries: NodeJS, VueJS, Electron, Docker, MongoDB, Git, TFS, WPF
Development Environments: Windows, Linux