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
- Lead JavaScript developer for localizing global project management solution during pilot phase and implemented various reporting functions and usability enhancements to meet initial requirements

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 would 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: Node.js, Vue.js, Electron, Docker, MongoDB, Git, TFS, WPF, .NET
Development: Agile, RESTful APIs, Windows, Linux