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## Languages & Tools

Java // Python // Spring Framework // Hibernate // Selenium Webdriver // SQL // Git

Work Experience

## Software Developer Intern: Davenport Aviation, 06/2018-Present

* Created API to automate data entry by validating and inserting data into an Oracle Database using Hibernate ORM and Spring Framework
* Created over 20 web scrapers using Selenium Webdriver in Javato navigate customer portals, login, and pull pricing information on aircraft parts. The scraped prices account for 50% of quoted parts sent to customers
* Reduced technical debt through continuous bug fixes and updates to this day

## Teaching Assistant / Grader: The Ohio State University, 09/2017-12/2017

* Graded assignments and projects for the Software I course in Java
* Clarified programming concepts such as OOP, recursion, and sorting algoritms for class of 45 students

Education

## University of Waterloo, Present

* Candidate for Bachelors in Software Engineering

## The Ohio State University, 01/2016-05/2018

* Learned algorithmic thinking, runtime analysis, network applications, and TCP/IP communication protocols

Personal Projects

## MIT Battlecode, 01/2016, 01/2017, and 01/2018

* Wrote Game AI for a team of virtual robots to collect resources and eliminate the opposing team using Java
* Used algorithms such as breadth-first search for pathfinding and targeting enemies
* Placed top 8 for high school teams and top 32 for high school and university teams in the US and invited to MIT’s finalist dinner

## Cbus Student Hack, 04/2017

* Created Cbus Eats, a social media app for sharing photos of food and experiences
* Built a frontend in Java and XML and interfaced with a SQL backend
* Placed in top 5