

Aaron Ky-Riesenbach

Dedicated, hard-working student-athlete with a strong computer science background and extensive enterprise work experience.

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EXPERIENCE

Tesla Government, Falls Church, VA — *Software developer*

March 2020 - August 2021

Maintained and developed new features for a government-contracted information distribution system. Extensive work on a Spring Boot/MySQL-powered REST API + a React/TypeScript responsive web interface.

EDUCATION

Northeastern University, Boston, MA — *BSCmpE, Computer Engineering and Computer Science*

September 2021 - Present

Current Honors College student pursuing a degree in Computer Engineering and Computer Science with a minor in Music.

Washington-Liberty High School, Arlington, VA

September 2017 - June 2021

Completed a number of high level STEM-oriented courses, varsity coxswain for four years, graduated as valedictorian with honors.

ACTIVITIES/PROJECTS

Northeastern Men's Varsity Crew — *Coxswain*

High-intensity training up to twice a day. Includes land workouts, practice management, data collection, technical corrections, and more.

Mixster — *Developer*

Webapp to "clean" a Spotify playlist by replacing explicit songs with their clean counterparts. Uses a Spring Boot-based API and a React/TypeScript front-end.

[Code on GitHub.](#)

Waste of Coins — *Developer*

Mobile-friendly React/TypeScript webapp to calculate the dollar value of awards spent on any Reddit post/comment. Created as an exercise in Bootstrap styling.

Live at wasteofcoins.com. [Code on GitHub.](#)

SKILLS

- Extensive experience with Java and TypeScript in an enterprise development environment
- Knowledge of multiple other programming languages, including Python, C++, and shell
- Git for all personal and professional projects
- Relational DB use (MySQL) in a production environment, including scripting and maintenance
- Certified Microsoft Technology Associate (Python)
- Proficiency with the Linux command line
- System administration experience, including the deployment and maintenance of cloud instances using AWS
- Typing: 119 WPM/98% accuracy
- Problem solving
- Planning and execution
- Excellent time management
- Responsibility and attention to detail

Hobbies

- Programming
- Violin/guitar/piano
- Vintage stereo repair
- Specialty coffee brewing
- Chess