

Davin Thomas Seju

davinseju@gmail.com | linkedin.com/in/davin-seju-7813601b3/ | github.com/sejudav20 | 425-281-7328

Computer Science and Applied Math @ University of Washington - Seattle

EDUCATION **Pursuing a bachelor's degree at University of Washington, Seattle:** Double major in Computer Science and Applied Mathematics. Current cumulative GPA of 3.95 with an expected graduation date of March 2024.

University Course Work: Has taken a diverse set of classes, focused on software programming

- CSE 373: Data Structures and Algorithms
- CSE 414: Introduction to Database Systems
- CSE 163: Intermediate Data Programming
- STAT 311: Elements of Statistical Methods
- AMATH 301: Beginning Scientific Computing

Online Certification Classes:

- **Machine Learning Certification:** Completed Stanford University's 12-week online course on Machine Learning in Octave taught by Professor Andrew Ng
 - **Java:** Java developer course at Udemy.com taught by John Purcell.
 - **Python:** Online course on Udemy.com taught by Tim Buchalka
 - **Machine Learning in Python:** Course on Udemy.com taught by Kirill Eremenko
-

SKILLS **Proficient in Multiple Coding Languages:** Has experience developing in Java and Python for 7 years and 4 years, respectively. Familiar with MATLAB, R, and Kotlin.

Other Computer Science Skills:

- Database design and SQL
- Azure SQL databases and AWS services including S3 storage and DynamoDB
- Machine Learning in both Python and MATLAB/Octave
- Kotlin Multiplatform
- Backend frameworks including Spring Boot and Django
- Postman, HTTP Calls, JSON, and API requests
- Git and GitHub CI/CD
- Android Studio, Flutter, and Compose to create mobile applications

Writing, Presenting and Leading Teams: Capable at writing and experienced at doing presentations. Enjoys leading teams and collaborating with others on software projects.

WORK EXPERIENCE **Software Engineering Intern at VIZIO (June 2022 – August 2022):** Worked on a subscription and payment management Kotlin SDK for Smart TVs. Designed and developed a Kotlin multiplatform testing application to monitor errors and track performance of cloud services.

PROJECTS **News App:** Created and published a social media app. Uses AWS cloud technology extensively to store images, user data and recommend articles to the user. Created using Flutter and Spring boot

Music Key Recognition: Created a website using the Django Web Framework, HTML, and JavaScript with Machine Learning created in Python to recognize the key signature of songs. Created a dataset consisting of 40,000 songs using the Spotify API.

Robotics Scouting App: Former member of award-winning Skyline Spartabots software team for 3 years. The team won at Worlds. Lead, taught, and managed a team to create an Android app in Java to collect opponent information and utilized Bluetooth and QR code tech from which to share data.

Online Trading Website: Created the backend for an online trading website using Spring Boot
