

Andrew Seo

andrew-seo.com | github.com/seoa1 | andrew.d.seo@gmail.com | (480) 266-5577

EDUCATION

Arizona State University

BS - Computer Science

GPA: 4.0 / 4.0

May 2020 – Dec. 2022

Vanderbilt University

BA - Biochemistry and Chemical Biology

Aug. 2016 – May 2020

WORK EXPERIENCE

Roblox

Software Engineering Intern

May 2022 – Aug. 2022

San Mateo, CA

- Designed and developed three new portals for core growth services used for international law compliance using TypeScript, React
- Collaborated with core ops team to add features to portals to assist rollout of new core web app versions
- Built new API clients for core growth services using C#, .NET

HubSpot

Software Engineering Co-op

Jan. 2022 – May 2022

Cambridge, MA

- Developed automation tools for reviewing suspicious content within HubSpot that sped up the review workflow of moderators by over 90% using Java, Google Guice, MySQL
- Built data pipelines from MySQL to S3 data lake to power business intelligence analytics
- Developed new API endpoints to process and deliver data from MySQL and HBase

Amazon

Software Development Engineer Intern

May 2021 – Aug. 2021

Tempe, AZ

- Designed and built cross-team user facing notification system for Amazon's A/B testing service on page serving over 10 million daily users
- Developed two REST APIs to process and send data from DynamoDB to front page feature with < 60ms max latency and to track user actions using Java, Google Guice, AWS
- Built unit, integration, and load tests for new features using JUnit, Mockito, Jest

EpiFinder

Software Engineering Intern

July 2020 – Oct. 2020

Scottsdale, AZ

- Built a research tool for annotating medical papers by tagging text selections with keywords from a medical ontology stored in a MySQL database using Java, Spring Boot, JavaScript
- Developed a tool for visualizing and editing medical ontology files from database in the browser
- Collaborated with CEO to mentor other interns and build comprehensive work protocols and standards

Arizona State University

Teaching Assistant

Aug. 2020 – Dec. 2020

Tempe, AZ

- Hosted office hours to teach students Java, object-oriented programming, and essential data structures
- Assisted professor during in-class activities by guiding students, providing demos

SKILLS

Languages: JavaScript • TypeScript • Java • Python • C++ • C# • Ruby • HTML/CSS • SQL

Technologies: React • Redux • Express • Node.js • Spring Boot • Google Guice • MongoDB • .NET