

Alex Giacobbi

www.github.com/agiacobbi

agiacobbi21@gmail.com

(480) 442-0532

EDUCATION

Gonzaga University

August 2017 - May 2021

Bachelor of Science, Computer Science

Mathematics Minor

3.89 GPA

EXPERIENCE

Software Development Engineer I

August 2021 – Present

Expedia Group

- Develop and maintain a global suite of travel insurance offerings according to the business needs
- Maintain and improve a collection of internal Java and Kotlin services

Software Engineering Intern

June 2020 – August 2020

Expedia Group

- Developed an application to aggregate user identity and application access data from multiple Okta tenants
- Onboarded SAML and OIDC applications to company Okta SSO platform

Research Assistant

August 2018 – August 2020

Gonzaga University Department of Computer Science

- Automated the extraction of audio features from a large, recorded speech corpus using Python
- Processed extracted data and prepared for statistical analysis using Python

Teaching Assistant

August 2019 – December 2020

Gonzaga University Department of Computer Science

- Tutored students in computer science topics, and implementation in C++, Python
- Developed testing suites to grade student assignments
- Courses: Intro to Computer Science II (2 semesters), Natural Language Processing (1 semester)

Undergraduate Researcher

May 2019 – July 2019

University of Rochester, Goergen Center Institute for Data Science

- Processed audio, text, and facial feature vectors from large set of video interviews using Python
- Trained and optimized regression and classification models with scikit-learn and Optuna to predict interview performance given a feature vector.

COURSEWORK

Computer Science

Algorithms and Abstract Data Structures, Software Engineering, Computer Security, Database Management Systems, iOS App Development, Android App Development, Speech and Natural Language Processing

Mathematics

Calculus I-III, Ordinary Differential Equations, Linear Algebra, Discrete Structures, Chaos and Dynamical Systems, Statistics for Experimentalist

SKILLS

Languages and Frameworks

Java, Kotlin, Python, C/C++, SQL, MongoDB, Swift, Springboot, HTML

Tools

Git, Agile methods, Github, Android Studio, XCode, JetBrains IDEs, Remote Desktop, Linux, Perforce