

Alex Giacobbi

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EDUCATION

Gonzaga University

August 2017 - May 2021

Bachelor of Science, Computer Science

Mathematics Minor

3.89 Overall GPA | President's or Dean's list all semesters

EXPERIENCE

Research Assistant

August 2018 - Present

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 - Present

Gonzaga University Department of Computer Science

- Tutored students in fundamental computer science concepts, and implementation in C++
- Developed test programs to grade student assignments (Intro to Computer Science II)

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 to predict interview performance given a feature vector.

Web Development Intern

June 2018 – August 2018

Farran Media

- Developed admin tool to connect company contact information to their MS SQL Server database
- Created a page using C#/.NET for employees to update information and connected corresponding page to reflect changes

GUMAD Member

August 2017 - Present

Gonzaga University Makers and Developers

- Weekly meetings with peers to discuss computer science topics, projects, and career advice

COURSEWORK

Computer Science

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

Mathematics

Calculus I-III, Ordinary Differential Equations, Linear Algebra, Discrete Structures, Statistics for Experimentalist

SKILLS

Programming Languages

Python, Java, C++, SQL, HTML, CSS, C#

Tools

Git, Github, Android Studio, JetBrains IDEs, MySQL, Linux