

ZACHARY WOOD

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EDUCATION

B.S. Computer Science

George Mason University, GPA: 3.96

May 2021 Expected

Fairfax, VA

- *University Scholar* - one of twenty recipients in class of 2021 of the highest academic scholarship awarded at GMU

RELEVANT EXPERIENCE

Software Development Intern

Remine

May - August 2018

Fairfax, VA

- Designed, implemented, and shipped a replacement for a **critical piece of the data pipeline** from scratch
- Achieved an **80% increase in user productivity** compared to the replaced software
- Highly interactive front-end built with **React + Redux**; back-end REST API built with **TypeScript, PostgreSQL**
- Built an **iOS native component** for the React Native mobile team using **Objective-C**

Software Development Intern

Edge 360

June - August 2017

Ashburn, VA

- Developed a system to allow the public to volunteer their private camera systems to aid in criminal investigations
- Built an admin interface using the **Google Maps API** to visualize collected data
- Developed a **REST API** using **Express + Node.js** to access stored data

LEADERSHIP AND PROJECTS

Attics

Developer

December 2017 - Present

<https://itunes.apple.com/us/app/attics/id1434981632>

- **iOS app** written in **Swift** that allows users to browse and stream thousands of live concert recordings
- Developed a REST API to supply the app's data, with which the app heavily communicates

Mason Student Run Computing and Technology (SRCT)

Project Manager and Lead Developer

Fall 2017 - Present

<https://srct.gmu.edu>

- Student organization focused on developing **open source software** for the benefit of the GMU community
- Prepare and deliver lecture style talks designed to teach members about technology used in industry
- Mentor and teach new members the basics of the open source workflow, such as using **Git**

SRCT Schedules

Project Manager and Lead Developer

May 2018 - Present

<https://git.gmu.edu/srct/schedules>

- Full stack web application written in **Ruby on Rails** that provides utilities for students making their schedules
- Led development of the project from scratch and coordinated developers to deliver version 1 ahead of schedule
- Wrote Ruby scripts using Nokogiri to scrape course data from multiple locations

SKILLS

Programming Languages

JavaScript, Swift, Java, Go, Ruby

Frameworks

iOS + UIKit, Ruby on Rails, React, Redux

Other Technologies

Docker, SQL, Git, Unix

OTHER

Congress-Bundestag Youth Exchange

Youth Ambassador

August 2016 - June 2017

Wildeck, Germany

- Recipient of prestigious State Department scholarship to study abroad as a Youth Ambassador in Germany