

# ZACHARY WOOD

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## EDUCATION

### B.S. Computer Science

*George Mason University, GPA: 3.90*

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 **Node.js, PostgreSQL**

### 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
- Shipped to the **App Store**, currently rated 5/5 stars

### Mason Student Run Computing and Technology (SRCT)

*Vice President and Project Manager*

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://schedules.gmu.edu>

- 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, Ruby, Swift, Java, Go

### Frameworks

Ruby on Rails, iOS + UIKit, React, Redux

### Other Technologies

SQL, Git, Unix, Docker

## 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