

Steven Rosendahl

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Education

I. Christopher Newport University • August 2013 - May 2017

Bachelors of Science – Mathematics · Bachelors of Science – Computer Science · 3.7 GPA

- Community Involvement and Accomplishments
 - Inducted into the Virginia Mu chapter of Pi Mu Epsilon
 - Served as secretary for the Society of Physics club
 - Served as secretary and vice president for Math club
- Relevant coursework includes
 - Computer Science Education
 - Android Programming C++ Programming Java Programming
 - UNIX Operating Systems Software Design Programming Language Concepts
 - Data Structures Algorithms Computer Hardware and Design
 - Discrete Mathematics Writing and Computer Ethics
 - Programming Language and Framework Experience
 - Java/Android - Proficient PHP - Advanced Mathematica - Intermediate Ruby - Intermediate
 - L^AT_EX - Proficient Javascript - Advanced Lua - Advanced C/C++ - Intermediate
 - Mathematics Education
 - Calculus I - IV Linear Algebra Real Analysis
 - Group Theory Differential Equations Technical Writing with L^AT_EX
 - Proofs and Discrete Mathematics Number Theory *p-adic* Analysis
 - Research in Partial Differential Equations Mathematical Modeling Programming in Mathematica
 - Graph Theory and Combinatorics Complex Analysis Introductory Topology

Work Experience

I. In-Situ Inc. • July 2018 - Present

- Developed globally used water monitoring application using Angular/AngularJS
- Provided interfaces for low-level hardware created in-house
- Maintained Python2.7 backend built on Google AppEngine

II. Circadence • May 2017 - July 2018

- Worked on support application for cyber security training video game
- Developed algorithms to automate configuration of SaltStack states on virtual machines
- Collaborated with various teams to build software for clients around the world
- Created content for single-topic training games
- Assisted in setting up large cyber ranges using SaltStack

III. MyNewLeaf, LLC • January 2016 - May 2017

- Developed Android application from start to current release
- Collaborated with a team of designers, managers, and programmers to develop Android version of an iOS application
- Built REST APIs using Flask and Node.js
- Contributed to UI design process by storyboarding Android version of application

IV. National Aeronautics and Space Administration (NASA) • November 2015 - May 2017

- Developed Android applications for Google Glass, Vuzix M100, and Recon Jet headsets as well as tablets and phones
- Worked closely with a university professor to plan, create, and design an augmented reality application used to assist laser operators in a laboratory setting

- Designed a universal application using Bluetooth and WiFi technologies to communicate between a large array of devices
- Participated in laser safety training and received laser operator certification

V. Christopher Newport University • September 2014 - May 2017

- Calculus Assistant (Spring Semester 2017)
 - Aided differential calculus students with material from the course
 - Collaborated with professor to write and grade both tests and homeworks
 - Provided office hours for students who required extra help
- Tutor for the Center for Academic Success (Fall Semester 2015 - Fall Semester 2016)
 - Tutored several subjects including Mathematics, Computer Engineering, and Computer Science
 - Participated in both one on one tutoring and group tutoring
 - Created various resources for other tutors
 - Participated in group training exercises to receive tutor certification
- IT Customer Service Representative (Fall Semester 2014 - Spring Semester 2016)
 - Aided customers with various software related IT issues including troubleshooting software and repairing malfunctioning hardware
 - Assisted technicians with tasks such as installing hardware

VI. Kirk Family YMCA • August 2009 - August 2015

- Swim Lesson Manager
 - Managed a team of swim instructors that taught and oversaw various camps and lessons
 - Taught swimming lessons to children and adults of all ages
 - Promoted to manager in May 2015
- Lifeguard
 - Attended trainings for CPR and AED certifications, as well as First Aid and lifesaving skills
 - Worked to create and maintain a safe environment for all patrons of the pool by enforcing rules and policies of the YMCA

References available upon request.