Gordon MacMaster

65 Buds Way   gordonmacmaster.com   gmacmast@uvm.edu
Woodstock, Vermont 05091   (802) 369-9025

EDUCATION

University of Vermont (UVM), Burlington, VT
Honors College
Bachelor of Science, Computer Science and Information Systems   Expected May 2020
- GPA: 3.98
- Computer Science Sophomore Award   Spring 2018

Woodstock Union High School, Woodstock, VT   June 2016
- GPA: 100.96/100
- Salutatorian

RELEVANT EXPERIENCE

Intern, Tesla   Spring 2019-Present
- Designing and building a new admin tool for Tesla's digital kiosks to be used throughout Tesla's network of physical retail and service centers around the world
- Designing and building a new tool to be used by developers to simplify the localization process of digital content with the goal of reducing time it takes content to get to production and saving money

Research Experience, Cybersecurity and blockchains   Fall 2018
- Conducted an independent pre-thesis research project to design and build a cryptographically secure distributed blockchain and cryptocurrency with P2P networking abilities written in Python

Intern, Pennsylvania Multifamily Asset Managers   May 2018-December 2018
- Designed and built a web-based Project Management system for recipient of part of $56 million dollar Department of Housing and Urban Development (HUD) Community Compass contract. Implemented using React JS, JavaScript, and C#. Designed and built a database for system.
- Built contact management feature for Section 8 (low income housing) property management system

Intern, Agency of Digital Services, State of Vermont   Summer 2017
- Worked with other state agencies to find ways to better and more efficient ways serve their tech related needs

TECHNICAL SKILLS

Languages
- React.JS, JavaScript, Node.js Python, Java, C, C#, C++, Go, JavaScript, HTML, PHP, CSS, SQL, MsSQL

Software Experience
- Environments: Windows, Unix/Linux, Mac OS
- Programs: Eclipse, Netbeans, CLion, Visual Studio
- Frameworks: ReactJS, ASP.net MVC
- Database Management: PHPMyAdmin, Microsoft SQL Server Management Studio

WORK EXPERIENCE

Pool Director, Woodstock Rec Center, Woodstock, VT   Summer 2017
- Oversee lifeguard and swim instructor staff
- Monitor water quality and equipment functionality for two pools and rec center facility

Volunteer Firefighter, Woodstock Fire Department, Woodstock, VT   2014-Present
- Respond to structure and forest fires and accident scenes

Head Lifeguard, Woodstock Rec Center, Woodstock, VT   Summer 2013-2017
- Ensured safety of pool patrons, administered basic first aid, and oversaw lifeguard staff

Swim Instructor, Woodstock Rec Center, Woodstock, VT   Summer 2013-2017
- Taught infants to 13 year olds swim techniques ranging from introductory skills to competitive strokes while providing a safe and fun environment for students to learn in

Ski Instructor, Woodstock Inn Corporation, Woodstock, VT   Winter 2013-2017
- Taught skiers of all ages and abilities skills ranging in basic safety to competitive race technique

ADDITIONAL ACTIVITIES

2016, 2017, 2018 Computer Science Fair Contestant- Runner Up 2018
CS Crew | Alpine Ski Racing Club | Ski and Snowboard Club