

Isaac Sparks - Willey

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EDUCATION

University of Maine, Orono, ME — *B.S. Computer Science*

AUGUST 2017 - MAY 2021

Scarborough High School, Scarborough, ME

AUGUST 2013 - JUNE 2017

WORK EXPERIENCE

Virtual Environments and Multimodal Interactions (VEMI) Lab, Orono, ME — *Developer*

JANUARY 2019 - PRESENT, PART TIME - 15-20 HOURS/WEEK

Accomplishes small non-definitive technical tasks on internal hardware and software

FieldStack, Portland, ME — *Software Development Intern*

JUNE 2018 - AUGUST 2018, FULL TIME

Worked independently as well as with others on troubleshooting and bug fixing retail software using C#, Winforms, and SQL Server, as well as working on a small team to develop new functionality using C#, SQL Server, HTML, CSS, and Javascript

ASAP Media Services, University of Maine, Orono, ME — *Developer*

SEPTEMBER 2017 - NOVEMBER 2017, PART TIME - 15 HOURS/WEEK

Worked in small teams on projects involving things such as web development using PHP and SQL, and physical computing using arduino microcontrollers, as well as assisting coworkers with learning new concepts

Town of Scarborough Maine — *Seasonal Student IT Technician*

JUNE 2016 - AUGUST 2016, JUNE 2017 - AUGUST 2017, FULL TIME

Assisted school faculty with tech related issues, managed town inventory, maintained and upgraded inventory, distributed school computers

TECHNICAL SKILLS

Programming - intermediate knowledge of Java, C#, basic knowledge of PHP, SQL, HTML, Processing

Troubleshooting and repair of both hardware and software

Basic working knowledge of Solidworks 2018

LICENSES/CERTIFICATES

Amateur Radio General License

Student Pilot Certificate

AWARDS

National Merit Scholarship

2nd Place Science Bowl Statewide Competition - February 2016

HOBBIES

Hiking

Flying

Reading

SELECTED COMMUNITY SERVICE

**Scarborough High School, Scarborough, ME— AP
Computer Science Teacher's Aid**

SEPTEMBER 2016 - JUNE 2017, 8 HOURS/WEEK

Introduced students to new programming concepts, helped students work through problems with their code, assisted teacher with learning new programming concepts, advised teacher as to how to best structure course

**Animal Refuge League, Westbrook, ME— Small Animal
Handler**

DECEMBER 2015 - AUGUST 2016, 2 HOURS/WEEK

Socialization of and care for small animals such as rabbits, guinea pigs, rats, etc. as well as presenting the animals to the public

