DANIEL CONNELLY

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About Me

Full-time MS student looking for real-world experience in the Software and Computer Science industry.

I am interested in internships or full-time positions related to Computer Science. I thoroughly enjoy being faced with hard problems and finding unique, powerful solutions. I am eager to use and grow my skillset.

Generally, my interests are in software, AI/ML, Blockchain, Networks, and novel projects in general.

Coursework

Complete

CS510-Internet & Cloud Systems
CS510-Blockchain Dev. & Security
CS510-Adv.Programming in Java
CS533-Concepts of Operating Systems
CS541-Artifical Intelligence
CS561-Open Source Software De*v.*
CS565-Full-Stack Web Development
CS584-Algorithm Design and Analysis
CS586-Intro to Database Management
CSS91-Intro to Computer Security
CS594-Internetworking Protocols

In progress

CS510-Site Reliability Engineer
CS545-Machine Learning
CS547-Computer Graphics
CS558-Programming Languages

Technology Summary

Languages: C/C++, Python, Java, HTML, CSS, SQL
Applications: Intellij, Cloud, Vim, GitHub, Trello
Database Systems: MySQL, SQL
Operating Systems: Unix/Linux, Windows

Links

www.linkedin.com/dconnelly2

www.github.com/danc2050

www.haveibeenexploited.com

Education

Portland State University **(2016-2020)**
- **Master of Science Computer Science**   GPA 3.74
- **Bachelor of Science, Honors, Psychology**   GPA 3.81

Projects

haveibeenexploited

	Blockchain Developer

Present/In progress

Building a query-able website that holds addresses of exploitable Ethereum Smart Contracts, which I have run through a symbolic execution engine called Mythril.

The website is currently deployed on Google App Engine at http://haveibeenexploited.com and the GitHub is at https://github.com/Danc2050/HaveIBeenExploited.

Try querying the address *0xe446754f34a00c726a6ecd5d711fe6ac91dd44aa* in the search bar to see an example.

Core Technologies: **Go, Python3, CSS, React, Go, Boostrap, Google Cloud, Mysql**

ACM Officer

	Officer

Present

Facilitate workshops, tutor students, advertise the organization and activities, develop, and update the website, keep meeting time and notes, assign duties to our officers. I also lead a campaign to install dual-monitors in our CS tutor lounge to improve student learning and success.

Core Skills: **Teamwork, Delegation, Interpersonal Skills**

Backpropogation

	AI Project

April 2019

Implemented Q-learning to instill Reinforcement Learning in an agent. I fine-tuned hyperparameters such as eta, gamma, and epsilon in order to increase the utility of the agent and decrease the time it took to achieve an optimal solution.

Core Skills: **Python3 and Numpy Library**

SFTP Client

	Agile Team Member

April 2019

Developed a SFTP client in an Agile team of six. Participated in weekly stand-ups, gathered requirements, wrote and implemented the most stories, and helped debug and write unit tests for our final project.

Core Skills: **Agile, Python, Pytest**