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# JONATHAN HEALY

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JONATHAN.D.HEALY@GMAIL.COM



1-250-634-8703



linkedin.com/in/jonathan-d-healy

GITHUB:

github.com/jonhealy1

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## OBJECTIVE

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To obtain an exciting and rewarding position where I can continue to challenge myself

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## SKILLS

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Object-Oriented Programming, Java, Go, Python, C++, Docker, Blockchain, Redis, Linux, Neo4j, PostgreSQL, Hyperledger, Unity

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## EXPERIENCE

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### ENGINEERING INTERN – SPARKGEO

Apr 2020 - Present

Presently working in DevOps. I am working primarily with Docker, Azure, Python, PostGIS, PyTorch and QGIS. I am part of a team building geospatial processing pipelines.

### TEACHING ASSISTANT – UNIVERSITY OF VICTORIA

Jan 2020 - Present

I am a teaching assistant for CSC 462/562 - Distributed Systems at the University of Victoria. I facilitate tutorials online, twice a week. Last semester I was a teaching assistant for CSC 360 – Operating Systems.

### GRADUATE RESEARCH STUDENT – EARTH DATA STORE

May 2019 – Apr 2020

I performed various duties and responsibilities while being involved with this project. My main role was with researching data provenance as it relates to geospatial data.

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## EDUCATION

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### MASTER OF SCIENCE – DEC. 2020

University of Victoria

My research primarily focuses on scaling large proof-of-work public blockchains.

### BACHELOR OF SCIENCE – DEC. 2018

University of Victoria

Graduated with the Communications and Networking option. My favorite courses included P2P Networking and Distributed Systems.

### 2018 ETHEREUM DEVELOPER PROGRAM

Consensys Academy

I learned to use tools like Solidity, Truffle, Ganache and MetaMask. For my final project I developed a decentralized voting application utilizing proportional representation.