

heathercape

software engineering student

contact

709 Bossi Place
Victoria, BC
V8Y 0A1

(778) 678 7825

hcape@uvic.ca
hcape.github.io

programming

♥ Python
C
Java
HTML/CSS
PHP (*basic*)
Matlab
UML

tools

Github
SVN
Bootstrap
Node.js
MongoDB
Microsoft Office
LaTeX
Adobe Photoshop

Windows
Mac
Linux

education

2013–2018 **Bachelor** of Software Engineering
Finishing Second Year.
Cumulative GPA: 8.3/9 (A)

University of Victoria

experience

Work

Winter 2015 **GENERAL DYNAMICS MISSION SYSTEMS**
Systems Integration Test Engineer

Calgary, Alberta

- In Python: Wrote a pathfinding algorithm to find possible connections between communicating devices
- Executed and wrote formal and informal test procedures on applications and network with the results to be used in the field
- Monitored the systems and software on a daily basis, reporting and investigating errors.
- Installed software and debugged issues with applications and tools

Volunteer

Fall 2014– **ENGINEERING STUDENT SOCIETY**
Director of Student Relations; Services

Victoria, British Columbia

- Running social events for the student body; planning financing for the engineering clubs; and attending faculty, event, and co-op meetings on behalf of the society.

projects

Ongoing

Personal

Self-taught HTML and CSS for use in customizing social networking profiles (e.g. Tumblr blog pages) and building a personal website with Bootstrap

Built my own gaming PC: Researched parts, assembled, and debugged.

Ongoing

Gym Facility Room Registration System

Working with several other SEng students, using the MEAN stack, HTML and CSS for a user-based, registration system for a recreation centre.

2013

Autonomous Robot Programmer

Was the programmer for a VEX robot we designed, built, and wired. Used RobotC with switch case framework. Debugged hardware-software interactions

interests

clubs: WECS - UVic Women in Engineering and Computer Science, UVic Smash Bros. Club

personal: Illustration and painting, League of Legends (Gold 3)