https://github.com/AmirYalamov
https://amiryalamov.github.io

AMIR YALAMOV

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EDUCATION

London, ON **University of Western Ontario** **Sept 2017 – Apr 2021**

- Honors BSc. in Computer Science, Minor in Software Engineering

AWARDS

- **Best Healthcare Hack Award (Jan 2018):** Won at DeltaHacks IV, out of 143 teams
- **Professional Engineers of Ontario Scholarship (Oct 2017):** Based on academic success and extracurriculars
- **Best UI/UX Award (Mar 2017):** Won at StarterHacks, out of 71 teams
- **Best Overall Hack, 2nd Place (Jan 2017):** Won at UTSHacks, first ever hackathon participation

SKILLS

- Proficient in Java, Python, C++, Git, GitHub, Linux (Ubuntu), Bash, Windows, Eclipse, Atom
- Highly driven, enthusiastic, loves to learn, great communicator, very collaborative, highly analytical

EXPERIENCE

Open Source Developer **BeeWare Project** **June 2018 – Present**

VOC Project

- Implement Python built-in functions in Java, allowing Python code to run on Java Virtual Machines
- Develop unit tests in Python to ensure VOC test suite passes consistently in all machine environments
- Work on industry-sized project with large codebase and gain knowledge on software engineering practices including DevOps, such as Continuous Integration, smoke testing, and Git workflow
- Had several code contributions merged to the master branch that the project runs

First Year Rep **Computer Science Undergraduate Society** **Oct 2017 – April 2018**

- Liaison between CSUS and first years, established club presence through initiatives like merchandise sales
- Planned and executed campus wide events that involved industry and faculty, such as an Intel Machine Learning workshop and a professor vs. student trivia night
- Part of sub-committee that reshaped executive team structure and rewrote CSUS' constitution with goal of establishing club culture and framework for future club success and growth

Swim Team Coach **Glenforest Secondary School** **Oct 2014 – Mar 2017**

- Coordinated, officiated, and managed multi-school swim meets
- Coached +20 swimmers of varying skill level; gave swimmers technical advice and saw drastic improvement
- Created positive swimming environment through rigorous training, ensuring swimmers were engaged and focused during practice and competition for optimal experience

PROJECTS

- **Hackers Against Dumb Posts** (Hack the North, Sept 2018): Mobile keyboard plug-in that uses computer vision and sentiment analysis to classify how controversial your social media post might be based on words, topics, and images contained. Built with Python, Java, Clarifai API, Google Cloud
- **surgeon-helping-hand** (DeltaHacks, Jan 2018): Platform for surgeons to perform remote surgery over the internet by controlling a robotic hand with hand gestures detected by an infrared sensor. Built with JavaScript, Arduino, LeapMotion, LeapMotion API
- **currency-predict** (Dec 2017): Machine learning program that predicts future closing price of a cryptocurrency by feeding closing price data to a Multilayer Perceptron model. Built with Python, NumPy and Keras libraries, CryptoCompare API

COURSEWORK

- Data Structures and Algorithms, Applied Logic for Computer Science, Software Tools and Systems Programming, Calculus I, Linear Algebra I, Computer Science Fundamentals I and II, Economics, Business