26 Willowbrook Rd
Thornhill ON

PAUL OLTEANU
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EMPLOYMENT

| **Full Stack Developer** | **Hashtag Paid** | **July 2017 – August 2017** |

- Worked closely with UX designer to create mockup of online campaign proposal tool
- Created database migrations to move old-style campaigns into new format
- Created multi-step form for companies to request a campaign proposal

| **Back End Developer** | **Beerhopper (Student Startup)** | **May 2015 – March 2016** |

- Engineered REST API using Node.js and Express to handle cross-platform user activities
- Modelled and operated a PostgreSQL database

EDUCATION

| **Waterloo, ON** | **University of Waterloo** | **September 2017 – Present** |

Expected graduation May 2022
- B.A.Sc in Computer Engineering

TECHNICAL EXPERIENCE

Projects

- **Custom Version Control System (2017):** Basic version control system loosely modeled after git. Python
- **CHIP-8 emulator (2016):** An emulator for the CHIP-8 interpreted language. C, SDL
- **Image sharing backend (2016):** Flask server for an image sharing website and app. Python, Flask, AWS, Heroku
- **Memory allocator (2016):** Reimplementation of malloc and free within a 16MB block. C
- **Tuple library (2015):** Implementation of the Keyword API for a custom type. Published on Hex. Elixir
- **Static website using Spotify API (2015):** Website where users enter an artist's name and similar ones are suggested. HTML, CSS + Skeleton Framework, Javascript

Source code and other projects on Github account

ADDITIONAL EXPERIENCE AND AWARDS

- **Certificate of distinction, Canadian Computing Competition (2015, 2016, 2017):** Top 25% of 5000 participants
- **Certificate of distinction, Euclid Math Contest (2017):** Top 25% of 21000 participants
- **Leader of Computer Club (2014 – 2017):** Held weekly meetings, worked on toy projects with other students, taught Python
- **Member of Tech Crew (2015 - 2017):** Set up video and audio equipment for school events
- **Member of Student Newspaper (2017):** Help with layout and design of newspaper
- **Member of Student IT Team (2016):** Assisted teachers and students weekly after school
- **Certificate of distinction, Canadian Senior Math Competition (2016):** Top 25% of 9772 perticipants
- **Certificate of distinction, Beaver Computing Challenge (2014):** Top 25% of over 5000 participants

LANGUAGES AND TECHNOLOGIES

Experienced with:
- Python; Linux

Some familiarity with:
- Ruby; C; Java; Elixir; SQL; HTML; CSS; Javascript; Arduino