

26 Willowbrook Rd  
Thornhill ON

**Paul Olteanu**  
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## Employment

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<b>Back End Developer</b>	<b>Beerhopper (Student Startup)</b>	<b>May 2015 – March 2016</b>
<ul style="list-style-type: none"><li>Engineered REST API using Node.js and Express to handle cross-platform user activities</li><li>Modelled and operated a PostgreSQL database</li></ul>		

## Education

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<b>Thornhill, ON</b>	<b>Thornhill Secondary School</b>	<b>September 2013 – Present (Grades 9 – 12)</b>
<p>Expected graduation July 2017</p> <ul style="list-style-type: none"><li>99.3% AP Grade 12 Computer Science</li><li>99.7% AP Grade 11 Computer Science</li></ul>		

## Technical Experience

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### Projects

- 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
- CSV parser** (2015). CSV file parser that reads CSV files into a map. Elixir
- Tuple library** (2015). Implementation of the Keyword API for a custom type. Published on Hex. Elixir
- Code Rally AI** (2015). Basic AI for IBM's Code Rally challenge. Java
- Static website using Spotify API** (2015). Website where users enter an artist's name and similar ones are suggested. HTML, CSS + Skeleton Framework, Javascript
- Reddit bot** (2014). Reddit bot that corrects errors in user's markdown formatting. Python

Source code and other projects on my Github account

## Additional Experience and Awards

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- Leader of Computer Club (2014 – 2016):** Held weekly meetings, worked on toy projects with other students, taught Python
- Certificate of merit, computer science (2016):** Top student in grade 11 computer science
- Certificate of distinction, Canadian Computing Competition (2015, 2016):** Top 25% of 5000 participants
- Certificate of distinction, Beaver Computing Challenge (2014):** Top 25% of over 5000 participants
- Presenter Youth EdTech Summit:** Taught students to create Android apps using MIT App Inventor
- Member of Student IT Team:** Assisted teachers and students weekly after school
- Member of Tech Crew:** Set up video and audio equipment for school events

## Languages and Technologies

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Experienced with:

- Java; Python; Linux

Some familiarity with:

- Elixir; C; SQL; HTML; CSS; Javascript; Arduino