

# Cullen Pu

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## EDUCATION

**University of Toronto**, Toronto, ON — *B.S. Major in Computer Science & Statistics, B.S. Minor in Math*

SEPTEMBER 2018 - PRESENT

Expected Graduation: 2022

Cumulative GPA: 3.58 / 4.0

Relevant Coursework: Systems Programming, Data Structures, Software Design, Computational Theory, Computer Organization, Discrete Math, Probability, Statistics

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## EXPERIENCE

**Engineering Communication Program**, University of Toronto — *Strategic Communications Assistant/Photographer*

SEPTEMBER 2019 - PRESENT

- Planned interview questions and actively sought out past students/alumni to film interviews for use on ECP website
- Photographed and recorded Engineering Communication Program (ECP) events including faculty functions, special workshops, and classroom activities
- Maintained ECP website by updating news page with photos taken and redesigning course pages to include interviews

**Department of Computer Science**, University of Toronto — *DCS Ambassador*

SEPTEMBER 2019 - PRESENT

- Spoke in a Department discussion regarding a new computer science admissions system and voiced suggestions as a student who went through the admissions process
- Volunteered at Ontario University Fair 2019, giving prospective undergraduate students advice on succeeding at UofT and answered questions about the school
- Attended Fall Campus Day 2019, spoke to high school students about my experience studying in the computer science program

**LLX Solutions**, Waltham, MA — *Statistical Programmer Intern*

MAY 2019 - AUGUST 2019

- Created Demographic and Adverse Event reports using SAS and SQL under supervision of an intern managing committee
  - Tasked with performing in depth research on the PROC SGPLOT, PROC GPLOT, and PROC GCHART procedures to create graphs in SAS and giving a formal presentation of my findings at the end of my position
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## PROJECTS

**Politic Game** — *Java*

- An Android application simulating a politician campaign using three humorous mini games
- Includes creation and deletion of user account login with the ability for a user to make multiple characters
- Saves user statistics and high scores for each of the user's characters in a leaderboard
- Has customizable global themes such as background color and music

**Meal Prep 4 U** — *Python*

- A web application helping users meal prep with healthy, budget friendly meals
- Uses Google Cloud Vision API to detect foods and ingredients uploaded by the user; user may also record ingredients manually
- Generates recipes based on user's ingredients and culinary types of choice

**Treemap Display** — *Python*

- A program which lets you visualize a hierarchy of folders through a treemap
  - Allows for changing sizes of the nodes and moving nodes while updating the treemap in real time
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## SKILLS & INTERESTS

- Python, Java, Javascript, HTML, CSS, SQL, SAS, R, Photoshop, Lightroom
- Photography, Videography, Graphic Design, Pickup Basketball, Trying New Food