

# Angelo Gabriel Austria

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## SKILLS

**Languages:** C, Java, Python, HTML/CSS,  $\LaTeX$ , Shell Scripting, Swift, Verilog  
**Software:** Android Studio, Eclipse, Git, SVN, Vim, Wing101, Xcode  
**Databases:** PostgreSQL

## EDUCATION

**UNIVERSITY OF TORONTO** | HONOURS BACHELOR OF SCIENCE  
Expected June 2020 | Computer Science Specialist | Focus in AI | CGPA: **3.52/4.00**  
**Coursework:** Software Tools and Systems Programming (**A+**), Introduction to Databases (**A**), Computer Organization (**A**), Introduction to Theory of Computation (**A**), Software Design (**A-**), Data Structures and Analysis (**A-**)

## PROJECTS

### **TETRIS** Verilog

- Developed a basic Tetris clone implemented on a **DE1-SoC board** with one other team member
- Designed finite state machine and data path
- Implemented user controls, graphics, and movement of sprites using **Verilog**

### **PRE<sup>2</sup>EHR** iOS, Swift

- Developed an **iOS** app to assess the probability of early hospital readmission for patients who recently underwent kidney transplantation by implementing a predictive model created by research students at Toronto General Hospital
- Awarded **best innovation in healthcare** out of five projects for the Multi-Organ Transplant Student Research Training Program's annual Dragon's Den Competition

### **REGEX SEARCHER** Android, Java

- Independently developed an Android app for testing regular expression queries
- **Downloaded over 2500 times** through the Google Play Store

### **WARRIOR OF THE REALM** Python

- Utilized the **Pygame** library to develop a 2-d platformer game with one other team member

## ACTIVITIES

### **CANADIAN UNIVERSITY SOFTWARE ENGINEERING CONFERENCE**

HEAD DELEGATE

May 2016 – January 2017 | Montréal, QC

- Organized a delegation of 34 University of Toronto students to attend the conference
- Secured funding to reduce student expenses by **up to 59%**

### **ASSOCIATION OF MATHEMATICAL AND COMPUTER SCIENCE STUDENTS**

FIRST YEAR REPRESENTATIVE

October 2015 – April 2016 | Toronto, ON

- Liason between freshmen students and executive team to bring awareness to academic needs such as review seminars and exam preparation
- Held weekly office hours to help freshmen students with calculus, computer science, discrete mathematics and linear algebra

## AWARDS

**Dean's List 2015-2017:** Maintained a CGPA of at least 3.50/4.00 for two consecutive years and placed among **top 20 percent** of students in the Faculty of Arts & Science  
**Ontario Scholar:** Attained an average of 80% or higher in top six Grade 12 courses  
**Honor Roll 2011-2015:** Attained an average of 80% or higher every year of high school