

# Chidalu Agbakwa

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github.com/A-Chidalu

## Highlights

- 2<sup>nd</sup> year Software Engineering student proficient at Object-Oriented design patterns in Java
- Passionate about leveraging technology to solve real world problems
- Excellent communication abilities, able to clearly articulate algorithms to solve complex, and often ambiguous problems
- Exceptional time-management abilities, able to consistently contribute to the project at hand

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## Education

### **Software Engineering (BEng) / York University**

**September 2018 – Present**

- Dean's Honor Roll: 8.14 GPA (3.8/4.0)
- **Relevant Coursework:** EECS 2030 (Advanced Object-Oriented Programming), EECS 2011 (Data Structures and Algorithms), EECS 2011 (Software Design Project), EECS 2032 (Embedded Systems, and C Programming)

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## Experience

### **Peer Helper / Lassonde School of Engineering**

**August 2019 - Present**

- Created and presented various personal development-oriented workshops, such as notetaking and time-management, resulting in greater student engagement in the school community, and eased new student's transition into engineering
- Planned and supervised the completion of various student-oriented tasks, by utilizing a project management pipeline. Which allowed timely completion of tasks, and a clear project structure

### **Sales Associate / Old Navy, Vaughan Mills**

**June 2018 – September 2019**

- Consistently identified and prioritized customer needs, increasing store sale rate
- Performed superbly in a team environment, increasing team dynamics and throughput
- Committed to providing high quality work at all times, receiving "most-tidy section" award on numerous occasions

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## Software Projects

### **Project / CrashBuddy**

- Created a text-messaging application in Python, for roadside assistance, that allows users to get insightful information from a machine learning model
- Incorporated IBM Watson machine learning to label/classify images of car accidents
- Leveraged different APIs such as Twilio and IBM Watson API to provide communication between various components of the program
- **Utilized:** Python, Flask, IBM Watson, ngrok, Twilio
- **For More Info:** <https://github.com/A-Chidalu/Crashbuddy>

### **Project / Pharmacy Management System**

- Developed a desktop application to manage a pharmaceutical company using Java and MySQL
- Integrated Java Swing for front-end GUI and MySQL for backend database
- Leveraged the JDBC API to provide communication between the front and back ends of the program
- **Utilized:** Java (Swing), MySQL, JDBC
- **For More Info:** <https://github.com/A-Chidalu/PharmacyManagementSys>

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## Skills

**Software:** Java, Python, Git, MySQL, Shell, UNIX, C, Assembly, Verilog

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## Hackathons

Hackthe6, York Engineering Competition (YEC)