

## EDUCATION

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**GEORGIA INSTITUTE OF TECHNOLOGY**, Atlanta, GA

*Spring 2019 - Present*

Bachelor of Science in Computer Science (Expected Graduation: May 2021)

- Threads / Concentration: Intelligence & Information Internetworks
- GPA: 3.35/4.0

**Relevant Coursework:** Database Systems, Object-Oriented Programming, Discrete Mathematics, Linear Algebra, Data Structure, Algorithms, Computer Organization and Programming, Applied Combinatorics

**Courses in Progress:** Systems and Networks, Computer Vision, Statistics & Applications

## WORK EXPERIENCE

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**Buckle**, Atlanta, GA

**Buckle is a financial services company focused on assisting entrepreneurs in the ride sharing economy**

**Product Development Specialist Intern**

*May 2019 – August 2019*

- Worked on projects directly with Product Manager and alongside another intern
- Used professional statistical techniques to collect, analyze, and interpret customer's data such as addresses, vehicles models and competitors' pricings
- Manipulated and analyzed data queried from the PostgreSQL database and implemented predictive analysis trends utilizing Python and libraries (Bokeh, CalMap, GeoPandas, Matplotlib, Pandas)
- Built a database-driven web application using Python Django framework, HTML, CSS, and JavaScript

**GEORGIA STATE UNIVERSITY**, Atlanta, GA

**Supplemental Instruction Leader – Calculus I**

*August 2018 – December 2018*

- Facilitated review sessions with students in a traditionally difficult course
- Responsible for holding weekly study sessions for a class of over 100 students.
- Participated in monthly staff meetings that covered responsibilities, conflict resolution, and professional preparedness
- Worked as a bridge between the students and professors, to create a safe learning environment for students
- Worked with the professors and department to provide excellent academic resources for the students

**PHILIPS LIGHTING**, Kuala Lumpur, Malaysia

**Marketing Intern**

*March 2017 – June 2017*

- Responsible for collaborating with the Sales and Marketing teams and inserting the SKUs and prices of new stocks on SAP
- Worked with the Sales Analysts and Product Managers to analyze the sales data using Microsoft Excel
- Evaluated desktop research on looking for potential project-based customers
- Involved in the *Let's Get Connected 2017* event which received purchase orders of USD \$6.3 Million
- Achieved goal of producing operative and presentable product within given timeframe.

## PROJECTS

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**Personal Website** (<https://www.samueltoth.com/>)

- Built using Python Flask framework, along with HTML, CSS, and JQuery
- Statically generated and hosted on pythonanywhere.com

**Atlanta Beltline (Desktop Application)**

- Developed with a team of five to simulate a system that stores information about the Atlanta Beltline sites and events.
- The application keeps track of the visitors who visits sites and events and the users who take transits that connect sites
- Using MVC pattern, designed and configured relational database, controllers and front-end.
- JavaFX, interacting with MySQL, using JDBC.

**Space Explorer (Web Application)**

- Developed with a team of five to design and develop a strategy game about space travel and exploration
- The web application allows players to gain credits(money), explore the universe and trade in foreign markets
- Applied SOLID and GRASP principles to achieve object-oriented design
- Built using Python Flask framework, along with HTML, CSS, and JQuery

## SKILLS

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**Programming (proficient):** Java, C, Python, SQL, HTML, CSS, JavaScript, JQuery, D3.js

**Framework:** Django, Flask, Springboot

**Tools:** Eclipse, IntelliJ, Xcode, MySQL, Selenium, Scrapy