

Trevor Simpson

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SKILLS

Languages: Java, Python, HTML, CSS, Javascript

Technologies: Windows | iOS | Android | IntelliJ IDEA CE | Visual Studio Code | GitHub | React.js

EXPERIENCE

Classes: Computer architecture, Data Structures, Discrete structures, Database Management, Programming

Projects

The exposure to Program languages such as **Java/Python** has motivated me to work on individual projects. The ideas of utilizing modules with Python are excellent for keeping code neat or using polymorphism with Java keeps code understandable. My familiarity with other program languages like **HTML, CSS, JavaScript** has allowed me to have flexibility working with a team. The IEDS I am familiar with Visual code studio and IntelliJ but I have been exposed to various others.

Key Accomplishments:

- This link <https://tsimpsonswork.github.io/TSAAboutMe/> is to my first website that is an *about me* page that will give you more information about my practical skills with working with basic **HTML, CSS and JavaScript**. Overall I am still learning to fully devote myself to experimenting with different strategies to perfect my current knowledge.
- A playable blackjack gaming simulator working against the automated system of the compiler. The use of Modules, Functions, List, Loops, Input and If Statements gave me a basic understanding of the programming language's usefulness. This particular game was created with **Python** and understanding its syntax.
- The pre-demo of a login system of Students, Teachers, and TAs using **Java** as the main backend language. The techniques that were used are Printwriter, Exception, Scanner, Classes, Methods, Type casting, if statements, print, and overriding etc. This led to good practice developing a friendly interface with a safe login system for customers and users.

High School Teacher

Jan. 2020 - Aug 2022

Miami arts charter | Miami Dade, FL

Coordination of subjects like Biology, Anatomy and Personal finance leading to the **increase in passing rates for end of the year assessments and exams**. The personal knowledge of finances such as: Credit management, Stocks, 401K/Roth, Fafsa, and Yearly tax returns allowed **80% of the senior** class enrolled to have skills necessary for adulthood. My general class of students rated my class their favorite for its promotion of current science discoveries.

Key Accomplishments:

- The graduation rate increased almost **15%** since my arrival, based on science and math being the more difficult classes for students.
- **90% of seniors** in my personal finance class opened Bank accounts and Brokerages to start managing their incomes.

Pharmacy Inventory Technician

Aug. 2018 - Jan. 2021

CVS Pharmacy | Pembroke Pines, FL

- Managed the pharmacy's inventory of medications and supplies weekly.
- Collaborated with the retail department on sales to customers and patients, which with the customer service provided led to a **40% increase in customer satisfaction**.
- Maintained orders shipped to the store and communicated with providers on patients medications and supplies.

EDUCATION

Florida International University | Bachelor of Science in Computer Science

Expected Dec. 2024

- GPA: 3.3
- Junior year
- *Volunteer*, Upsilon Pi Epsilon FIU; *Event intern*, Google Developer Student Club

Florida International University | Bachelors of Science in Biology

Dec 2016 - Dec 2018

- GPA: 3.4

