

Daniel Michael Tymecki

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EDUCATION

University of Florida, Herbert Wertheim College of Engineering

Gainesville, Florida

B.S.E Computer Science Engineering with a Minor in Entrepreneurship

GPA: 3.33 /4.0

- Expected Graduation: May 2020

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Introduction to Software Engineering, Applications of Discrete Structures, Digital Logic and Computer Systems, Principles of Entrepreneurship, Financial Accounting

EXPERIENCE

Tutoring

Gainesville, Florida

Programming Tutor

August 2016 – Present

- Assist UF students with coursework computer science classes including Programming Fundamentals 1 and 2.
- Have several years of tutoring experience based around my passion for computer science and am highly rated for my success.

Languages: Proficient in **C++** and **Java**, Comfortable with **Ruby**, Familiar with **Python**, **HTML**, **CSS**, and **MIPS**

Environments: Familiar with **Visual Studio**, **Android Studio**, **MATLAB**, **Git**, and **Linux**

Development: Comfortable with **Object Oriented Design** and the **Agile Development Process/Scrum**

PROJECTS

- Led a team project building an Object-Oriented WAV player application using C++ utilizing Boost and SDL libraries. Design features include *multithreaded looping, dynamic volume control, dynamic pausing/playing/skipping, random song shuffling, and a favoriting system.*
- Designed and developed an Object-Oriented traditional tile based RPG with a team using JavaFX. Features include *character customization, skill point based progression system, advanced enemy/ally AI, customizable controls, and a dynamic saving system.*
- Developed an Android application to connect students looking for study partners at UF named Study Buddy. Features include *real-time location services, group chat functionality, user profile customization, and sleek, materialistic design.*

CAMPUS INVOLVEMENT

Software Engineering Club

Fall 2016 – Present

- Attend weekly general body meetings.
- Assist in planning out new programming projects over several seminars for members to gain an assortment of new skills.

First Year Programmers

January 2017 – Present

- Actively attend bi-weekly meetings.
- Mentor various first year programmers, helping them gain the knowledge they need to excel in programming.

Awards

- **University of Florida Deans List** Fall 2017 – Present
 - **Florida Bright Futures Scholarship** Fall 2016 – Present
 - **City of Hollywood Scholarship** Fall 2016 – Present
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