ABIGAIL PHAM

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EDUCATION

University of Florida   **August 2017 - Present**
B.S. Computer Science 2021
GPA - 3.95

RELEVANT COURSEWORK

Data Structures, Computational Linear Algebra, Applications of Discrete Structures, Calculus 1-3, Programming Fundamentals 1-2, Physics 1-2

LANGUAGES AND TECHNOLOGIES

- **Proficient in:** C++, Java
- **Familiar with:** Matlab, HTML
- **Technologies:** Git, Visual Studio, IntelliJ IDEA

PROJECTS

LEXICAL ANALYZER (C++)   **April 2018**
- Created a program that takes a text file from the user and parses input, extracts tokens, classifies them, and detects syntax errors
- Utilizes a stack data structure to check for errors, balanced parentheses, and depth of nested "for" loops

PACMAN AI (JAVA)   **December 2017**
- Worked within an existing code base of the Pac-Man game to modify Ghosts' behavior and achieve the lowest Pac-Man score possible
- Refined Ghosts' AI code in order to match various logical strategies

PERSONAL WEBSITE   **September 2018 - Present**
- Uses basic HTML, CSS, and Javascript to display my personal resume and information in a presentable manner
- Intended to be used as a learning tool, and will be made more extensive as I progress through my Web Development course

ACTIVITIES

UF HACKATHONERS · Member   **August 2017 - Present**
- Attended Swamphacks in January 2018 at the University of Florida
- Attended HackFSU in February 2018 at Florida State University
- Attended Gator Game Jam in July 2018 at the University of Florida

UF WOMEN IN COMPUTER SCIENCE · Member   **August 2018 - Present**
- Attended meetings and events
- Participated in mentorship program in order to network and branch out in the community

AWARDS

BRIGHT FUTURES SCHOLARSHIP
Florida Academic Scholarship awarded to cover tuition fully each year due to achieving outstanding merit in GPA, standardized testing, and volunteering.