Yi Lin (Freda) Chen

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Coursework

- Introduction to Computing and Programming, Software Development, Systems Programming
- Data Structures and Algorithms
- Objects and Design
- Discrete Mathematics, Introduction to Theory of Computing
- Calculus I, II, III & Linear Algebra

Skills

- Proficient in Java, intermediate in HTML/CSS and JavaScript, familiar with C++, Python
- Used web development tools such as Bootstrap, WordPress, Brackets, Django
- Experience with Linux, IDEs, Maven, Git version control, Junit testing, Latex, using makefiles, Junit tests
- Good understanding of agile development and good software design/techniques
- Android development using android studio and using its groovy build tool
- Good understanding of implementing different data structures for certain situations
- Fluent in Chinese
- Photoshop, After Effects, Microsoft Office tools
- Receptive to feedback, organized, hardworking, and a fast learner

Projects

- Created text-based games: Hangman, mastermind, minesweeper, and a grade calculator with Java.
- Built a shell in C++ that has basic functions such as using 'ls' command, navigation, opening, closing, and modifying files.
- GUI application that displays a gallery of images using search query from iTunes Search API.
- Application that features Space Invaders, Tetris, Minesweeper with Java, JavaFX
- Created a website for a semi-permanent cosmetics business using Python and Django web development tool and a personal website using Brackets and HTML/CSS
- Built android application that keeps track of donations in team setting, applying all of the software development tools such as SCRUM, class and robustness diagrams, domain models.

Activities / Work experience

- Website maintenance for UGA Chinese Culture and Language Association (Jan 2017 – May 2018)
    o In charge of backend development, updating content, and maintaining website
- AV Assistant at UGA (August 2017 – May 2018)
    o In charge of answering IT related questions and troubleshooting computer and AV related problems.
    o Front desk management including scanning/copying files and transferring/answering phones.
- Tech Instructor Internship (May 2018 – August 2018)
    o Worked with students from ages 8-16 with learning Python, HTML/CSS, and JavaScript.

Education

University of Georgia B.S. Computer Science (Fall 2016 – Spring 2018)
- Cumulative GPA: 3.67

Georgia Institute of Technology B.S. Computer Science | Estimated 2020 Graduation
- Cumulative GPA: 3.50