

Mitchell R. Hornsby

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Education:

Washington and Lee University – *Lexington, VA*

Overall GPA: 3.365

Bachelor of Arts, *Major in Computer Science, Minor in Creative Writing*

May 2019

Relevant Coursework – Fundamentals of Programming (CSCI 111 & 112), Software Development (CSCI 209), Theory of Computation (CSCI 313), Discrete Mathematics (Math 121), Database Management [Winter 2018], Algorithms Analysis [Winter 2018]

Languages and Skills:

Fluent: Python, Java

Working Knowledge: HTML, SQL, GML

Skills: Git, Eclipse, Visual Studio, Game Maker Studio, Microsoft Office

Projects:

[Knight Fight](#) (available on Github)

CSCI 111, Fall 2016

- Created a text-based game that could be run from IDLE's shell
- Player randomly encounters enemies and chooses one of four responses
- Program keeps track of statistics and reveals them at the end of the game
- Written in Python

[Calculator App](#) (available on Github)

CSCI 112, Winter 2017

- Worked with another programmer to develop a program emulating the iPhone calculator app
- Wrote several classes to support the model-controller-view pattern
- Made equal contributions to both model and view
- App both looked and functioned similarly to the iPhone calculator app
- Written in Python

[Free Cell](#) (available on Github)

CSCI 209, Fall 2017

- Worked as part of a team to develop a program for running the solitaire variant Free Cell
- Developed with Eclipse and Github
- Wrote several classes to support the model-controller-view pattern
- Primarily contributed to designing the GUI, but also made contributions to editing the model
- Written in Java

Work Experience:

Community Assistant

August 2017 - Present

Washington and Lee University

Lexington, VA

- Helped mediate resident conflicts as well as providing emotional support for residents
- Programmed at least 1 hall activity per month, encouraging hall bonding opportunities
- Served as liaison between Res. Life office and residents, as well as assisted in emergency situations on campus

Washington and Lee University Store

Fall 2015 – Present

Student Associate

Lexington, VA

- Help oversee the management of the store with other student assistants
- Provide customer services, both face-to-face and over the phone
- Edit and maintain item descriptions on store website

Extracurricular Activities:

Varsity football, boxing club captain, weight lifting, playing video games, reading short stories and novels, writing short stories (see writing samples on website)