Kevin C. Barrett

978-302-7117 | kevincb45@gmail.com | KevinCBarrett.com

Experience

Fidelity Investments, Merrimack NH - Technical Intern (Cloud Computing)   May – August 2018

Worked on a team of interns to create a dashboard of the health of various systems. Utilized Angular6, Angular Materials, Highcharts, Python, Flask; gained experience with requirement handling, creating organized APIs, cloud deployment, data analysis

Fidelity Investments, Merrimack NH - Technical Intern   May – August 2017

Developed on top of an internal platform: created an investment game with an MVC model and provided feedback on how documentation and tutorials could be improved. Collaborated with other interns on five-week machine learning research project; experienced software development lifecycle

Kimball Farms, Westford MA - Ride Operator   May – August 2016

Responsible for the safety of customers on bumper boats, Spin Zone bumper cars, and the Soaring Eagle zip line. Trained new employees on how to safely operate these rides.

Education

Bachelor of Science in Game Design and Development   August 2015 – Expected December 2018

Rochester Institute of Technology, Rochester, NY

Dean's List: Fall of 2015

Projects

Cloud-Braced Game Engine   July 2018 – Present

An experimental personal project. Creating a custom game engine on top of OpenGL so that certain calculations can be passed off to cloud services such as AWS.

Army Bash   September – December 2016

A 2D tile-based strategy game, similar to chess with a few twists added in. Developed with 3 other RIT students. Viewable and downloadable on my website. Held the role of Code Architect: designed the inheritance structure and the backend design

Awards & Other

RIT Players Theatre Club

Marketing Director (Present) Lead club in promotion efforts. Vice President (2017-2018) In charge of handling alumni relations. Programming Officer (2016-2017) Planned all club social events.

Boy Scouts - Life Scout, Senior Patrol Leader

Served as Senior Patrol Leader 2013-2015, the highest position of boy leadership

RIT Achievement Merit Scholarship (2015 - 2018)

AP Scholar Award, awarded by College Board (2015)

Skills

Languages

Python
Java
C#
C++
Angular
SQL
HTML/CSS
jQuery

Concepts

REST
Cloud deployment
API creation
GIT
Linux
Unix
Command line processes

Workflow

Microsoft Office tools
Agile development cycles
Rapid paper prototyping