

Pawel Misiak

(914) 413-1273 • thepawelmisiak@gmail.com • pawelmisiak.com

PROFILE

With strong software development foundations, knowledge of the programming principles and experience in object oriented programming, I am looking for an internship where key analytical skills and passion for solving problems will be applied to meet your organization's goals.

EDUCATION

Lehman College/CUNY, Bronx, NY

Pursuing Bachelor of Science in Computer Science ~ GPA 3.8/4.0

Expected Graduation July 2019

Westchester Community College/SUNY, Valhalla, NY

Associate of Science in Computer Science ~ GPA 3.5/4.0

June 2017

RELATED COURSES

Programming Methods I/II, Computer Programming in C++, Data Structures and Algorithms, Intro to Networking, iOS Programming, Web Programming, Operating Systems, Databases

TECHNICAL SKILLS

Programming Languages: JavaScript, Swift, HTML5, CSS3, Java, SQL, Bash, Ruby, C++

Software: Xcode, IntelliJ IDEA, Visual Studio Code, Atom, MySQL Workbench, Adobe Creative Suite, Terminal

Libraries / Environments: React.js, Node.js, Vue.js, Postgresql

Operating Systems: Linux, Windows, Mac OS

ACADEMIC PROJECTS

Java

- Activity Tracker - Multi user activity tracker connected to SQL database with ability to store and display current/previous workout session
- Network Communicator - Application allows user to start communication with another person based on provided name, then the request is broadcasted to the network and if such person exists, it will open conversation window.

Swift - Two games following MVC standards

- Concentration Game - stores values of covered cards in hidden matter, showing only up to two cards at a time until match is found, each match adds points and takes cards off the table and mismatch takes points off and covers the card again
- Set Game - Fun logic game with custom shapes with animation of cards each used in form of new view that adds gesture recognition to perform multiple tasks

Web Development

- Portfolio Website - utilizes React.js, Bootstrap and External API to form front-end focused website
- Currently working to develop web application that stores and retrieves user posts in form of a JSON objects, this web application will connect already created front-end design to the back-end functionality.

EXPERIENCE

Key Digital, Mount Vernon, NY

Engineering Intern

September 2018 - present

- Created a custom User Interface to integrate functionality and test the capabilities of company's flagship products
- Performed complete unit testing of software and hardware designed to work with specific systems and components
- Manually removed and reinstalled bootloader together with operating system
- Learned how to remove and reinstall resistors on a motherboard
- Managed to build a custom 2x8 system (2 inputs, 8 outputs) using network switch and Key Digital flagship hardware with pre-configured network settings
- Acquired Key digital certification for trained engineers