**Pinhas Kevin Cohen**

**127 N Sparks St #1, State College, PA 16801**

**Phone: 786-556-1653 ⦁ E-mail: kevin.cohen26@gmail.com**

**Profile:**

* Experience with C, C++, Java, C and Python as programming languages. SQL to manage databases in a scheduling project.
* Mathematics proficient, tutor at Pennsylvania State University.
* Fluent in Spanish and English.

**Education**:

**PENNSYLVANIA STATE UNIVERSIY** UNIVERSITY PARK, PA

* B.S Computer Science. Mathematics Minor (Expected graduation: May 2017).
* GPA: 3.73/4.0; Dean’s List Fall 2013, Spring 2014, Fall 2014.

**Career Experience:**

**Academic Excellence Center, Engineering Department**  *9/14 TO Present*

* Mathematics tutor. Teaching students Calculus I, II, III and Linear Algebra 10 hours per week.

**GoogleJump Mentorship Program** *4/14 TO 8/14*

* Worked with 2 other participants and a Google engineer mentor to create a web app consisting of heat map functionality for sound. Worked with the Google Maps API, using languages such as **HTML**, **JavaScript** and **Python** for the Flask micro framework. Also operated with mongo DB. Done in approximately 4 months.
* Created and executed a technical skill development plan throughout the project with goals such as: Understanding and using more APIs, preparing for interviews, getting practice at front end design, and others.
* Gained experience working with teammates in person and online by using Google Hangouts and Github to share the code.

**Experience with Java**

* Implemented a “paint app” using Netbeans GUI.
* Developed a scheduling system using SQL for the database management and Java for the GUI.
* Created the game snake and the game war.
* Simulated an online store using Java and Eclipse GUI.

**Experience with C++**

* Implemented data structures such as Linked Lists, Hash Tables, Stacks, Queues and Binary trees.
* Managed and analyzed the runtime and efficiency of 10+ sorting algorithms.

**Experience with C**

* Implemented a low-level networked 3d printer driver. Driver has several capabilities such as: Turning on, moving, probing, printing material and powering off.
* Used low-level network programming to make requests to a server and get responses back to update the printer.

**Web development with Github**

* Developed a website using Github pages.Link to website: http://kevinco26.github.io
* Used HTML, CSS and JavaScript to program it. Information about the 3d printer driver (as well as the code) can be found on the website.