

Pinhas Kevin Cohen

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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 UNIVERSITY

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.