Matthew Pecko

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B.S. Computer Science GPA 3.9
The City College of New York *2019 - 2022*

Relevant skills:

Programming/Scripting languages: C++, Java, C, C#, Python2/3, PHP, Javascript, HTML5/CSS/SCSS, Scala, LISP/Scheme, Visual Basic/.NET, Assembly (x86, ARM)
Software applications/Frameworks: Microsoft Excel, JavaFX, Qt, Git, React/ReactNative, TKinter, jQuery/AJAX, Wordpress, Shopify, BootstrapJS, Flask, Django, Apache, Google Cloud, Microsoft Azure, NodeJS/Express, Composer, NPM, Make, Scipy/Numpy/Pandas, jupyter notebook
Operating systems: Linux (CentOS, Redhat, Debian, Ubuntu, Kali, BSD, Arch), VMware esxi, Windows Server
Databases/Information technology: SQL, NoSQL, CSV, JSON, HTTP, REST API, VMware vsphere/vcenter server, Oracle GlassFish

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Hackathons:

- Participated in multiple hackathons including Yale, Georgetown University, and RPI.
- Created a python program for the intuit challenge at Yale to help students manage their study time by breaking down a subject into its core topics, and assigning the students grade to each of the topics.
- Worked on creating an A.I program in python and javascript at RPI that would predict how many provisions, volunteers, etc. would be needed at a disaster site by analyzing data from population and weather APIs given a location.

Personal Projects:

- Former president of the computer science club at RCC.
- Led a team of students to build an informative website for RCC and increase student involvement in clubs.
- Maintaining a personal virtualized server for websites, APIs, apps, and video games for 2 years using VMware technology.
- Created a program that will calculate a t-test and give a confidence interval with scipy. I used swimming speed data on *Paramecium Tetraurelia*. I plan to add a column graph with standard deviation error bars.

Experience:

Rockland Small Business Development Center

2017 - present

- Working as a freelance website developer/designer for small businesses in Rockland, Orange, and Westchester counties.
- Created an informational website for the Rockland SBA Small Business Development Center branch.
- Worked with several local business owners to create ecommerce and business websites.
- Developed and deployed websites using industry standard platforms like Shopify, Wix, and Wordpress.
- Used Python to convert legacy CSV files of product data into new formats that could be imported into an ecommerce website.
- Used product/shop APIs and Python to get and convert product data from one ecommerce website and import it into another.

Rockland County Career Center

2017 - 2019

- Worked as an intern in a team of career specialists to develop a college career center website in wordpress.
- Trained everyone on how to use the website through presentations and powerpoints.
- Developed a custom wordpress plugin and theme in PHP to migrate an existing job application process online.
- Using PHP and Javascript I saved custom user information like resumes into the wordpress database.
- Constructed a system of taxonomies and categories in wordpress to match employers with job candidates.
- Designed an extensive UI and UX using HTML5/CSS/SCSS, javascript, and BootstrapJS.