Nikolay Pomytkin

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*References available upon request*

**Education**

**University of Maryland**, College Park, MD Aug. 2018 – May. 2021

*Bachelor of Science, Computer Science*

**GPA:** 3.95/4.00(\* = currently enrolled)

* Object-Oriented Programming II
* Discrete Structures\*
* Intro to Computer Systems\*
* FIRE: Capital One Machine Learning\*

**Technical Skills**

**Languages:** Java – Core libraries, Multithreading/Synchronization, Design Patterns, Spring Boot Framework, JUnit

Python – Experience with TensorFlow, scikit-learn, Anaconda, Jupyter Notebook, NumPy, Requests

C – Intermediate Proficiency, Core language features (ANSI C - C90), Valgrind, gdb. splint debugging

Front-End Web Dev (HTML, CSS, JavaScript) – Basic experience building web application interfaces

**Platforms:** Version Control Systems – Git (versed in ‘Github flow’ and Markdown), CVS (basic usage)

Operating Systems – Well versed in UNIX Bash, Windows, Ubuntu 18.10

**Experience**

**First-Year Innovation and Research Experience** – **Capital One Machine Learning** College Park, MD

Research Fellow – FIRE171 Jan. 2018 – Present

* Work in a group of 3 fellows to participate in deep learning challenges and complete a research project over the course of the semester.
* Spend a minimum of 6 hours in lab every week performing research.

**BoBuy** – **iOS & Android App (Bareketbo Ltd.)** Hong Kong, CN (remote)

Web Developer Intern Feb. 2018 – Present

* Work with 2 interns and management team to re-design BoBuy’s website (bo-buy.com)
* Develop responsive web application with Webflow and React.

**University of Maryland – Counseling Center**College Park, MD

Guided Study Session Leader – MATH141 (Calculus II) Dec. 2018 – Present

* Plan and facilitate two, 50-minute collaborative Guided Study Sessions each week for a total of 22 sessions over the course of a semester.
* Prepare handouts, informal quizzes, and other learning aids for GSS sessions.

**Bitcamp – University of Maryland’s Flagship Hackathon**College Park, MD

Sponsorship Team, Volunteer Organizer Dec. 2018 – Present

* Work with sponsorship team to secure and manage funding for hackathon
* Contact and manage relationships with university affiliated partners and independent corporations to fulfill a budget of $200,000

**Projects**

**PowerGPA (powergpa.com)** Nov. 2017

* A web application written in Ruby utilizing Sinatra framework that allows students to automatically calculate their weighted GPA using PowerSchool REST API
* Over 80,000 GPA’s calculated since creation (November 2016)
* Available at [www.powergpa.com](http://www.powergpa.com) and on Github ([github.com/menai/PowerGPA](https://github.com/menai/PowerGPA))

**Honors and Awards**

**University of Maryland – College Park**

* Dean’s List - College of Computer, Mathematical, and Natural SciencesJanuary 2018
* University of Maryland President’s Scholar Aug. 2018 – Present

**Millburn High School**

* NJ FBLA State Competition in Computer Problem Solving – First Place Feb. 2018
* AP Scholar with Distinction May 2018
* 3-time Varsity Letter Recipient – Track and Field June 2016 – June 2018