

# STEPHEN FUNG

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## EDUCATION

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### University of Buffalo

Bachelor of Science in Computer Science

GPA: 3.6/4.0

Buffalo, NY

Expected Graduation May 2020

### Midwood High School at Brooklyn College

Humanities Program

GPA: 3.7/4.0

Brooklyn, NY

Graduated in June 2016

## RELEVANT COURSEWORK

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Data Structures, Computer Organization, Discrete Structures, Digital Systems, Introduction to Computer Science I and II, Calculus I and II, Linear Algebra

## SKILLS AND INTERESTS

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- Programming Languages: C++, Java
- Experience in Microsoft Word, Excel, PowerPoint, Verilog, HTML, CSS, Linux, MIPS ISA
- Interests: Back-end development, mobile development, video games, photography, travel

## PERSONAL PROJECTS

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- FaireRide: Created an Android application to compare Uber and Lyft prices using Amazon DynamoDB, Google Maps API, and Google Places API. Source code: <https://github.com/stephenfung98/PennApps18>

## ACTIVITIES

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- Participated in UB Hacking at the University of Buffalo Hacking and PennHacks at the University of Pennsylvania
- Active member in Association for Computing Machinery (ACM)
- IT for the League of Legends Club at the University at Buffalo

## WORK EXPERIENCE

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### Engineering Intramural

Research Assistant

Buffalo, NY

March 2018 - Present

- Design automation equipment that would reduce the need for employees to fulfill online orders in retail stores
- Research current automation approaches in similar scenarios and specification of system requirements
- Collaborate with five students and solve an engineering problem following project management principles for scoping
- Develop a problem statement (objectives/requirements/constraints) and agree on deliverables

### PetSmart

Adoption Assistant

New York, NY

October 2014 – June 2016

- Evaluated animals' characteristics and behaviors to produce and update detailed profiles for potential adopters
- Mentored junior staff on caring for and socializing animals and preparing for the necessary paperwork for adoption
- Created informative materials for foster pet parents and permanent pet parents to maintain a healthy pet
- Assisted customers with any questions or concerns they had about the animals' and adoption process

### Public School 2

Teacher Assistant

New York, NY

June 2015 – August 2015

- Instructed a class of eleven 4<sup>th</sup> and 5<sup>th</sup> grade students through a structured lesson plan and attentive supervision
- Delivered a range of teaching and assessment activities including tutorials directed towards the delivery of subjects
- Contributed to the development of teaching materials to ensure methods of delivery meet learning objectives
- Focused on positive reinforcement and cared for children's needs to create a safe and optimal learning environment