Stephen Fung

3RD YEAR UNDERGRADUATE, COMPUTER SCIENCE

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EDUCATION

University at Buffalo, Buffalo, NY   *GPA: 3.7/4.0*
B.S. in Computer Science   *May '20 (Expected)*
Deans List: Fall 2017, Spring 2018, Fall 2018

RELEVANT EXPERIENCE

Systems Software Engineer - Arduino, CAD, Universal Robots
UB Inc. - Buffalo, NY   *Mar '18 - Present*
- Designed a scaled prototype to reduce the need for employees to fulfill online orders in stores
- Created automation equipment with 99% accuracy of picking and transporting various sized items
- Managed error detection with custom software creating error logs with various leveled priority
- Collaborated with a team to create a CAD design improving bottlenecks in current design

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PERSONAL PROJECTS

FairRide iOS/Android - Apple Maps API, Google Maps/Places API, Java, Swift
- Aggregated data to allow users to save money by displaying all available ride sharing options
- Expedited the process of requesting optimal rides by merging multiple applications with deep links
- Managed a price map to continuously obtain and display accurate information with 100% uptime
- https://stephenfung98.github.io/#projects

Atlas Markets iOS - Alpha Vantage API, JSON, Swift
- Designed an iOS application displaying interactive real time stock and cryptocurrency prices
- Implemented push notifications for custom price threshold alerts to bring the user to the ticker
- Constructed candle stick charts and line charts price charts with customizable technical indicators
- https://github.com/weibailey/BullSector

WORK EXPERIENCE

Teaching Assistant
Public School 2 - New York, NY   *Jun '17 - Aug '17*
- Instructed eleven 5th grade students through a structured lesson plan and attentive supervision
- Delivered a range of assessment activities including tutorials directed towards the delivery of subjects

Adoption Assistant
PetSmart - New York, NY   *Oct '14 - Jun '16*
- Evaluated 400+ animals' characteristics to produce profiles for potential adopters on online website
- Mentored junior staff on caring and socializing pets to prepare for the necessary adoption paperwork

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ACTIVITIES

- IT for the League of Legends Club at the University at Buffalo with over 60 players per tournament
- Senior member in Association for Computing Machinery (ACM)
- Senior member in Society of Asian Scientists and Engineers (SASE)

SKILLS

Programming: C++, Java, MIPS ISA, Swift
Computer Skills: CSS, HTML, Linux, Microsoft Office
Languages: Cantonese, English