BRYAN A. MOY

68-25 Loubet Street Forest Hills, NY 11375 | bryanmoy@gmail.com | 917-216-6713 |
LinkedIn: https://www.linkedin.com/in/bryan-moy-80568b12a/ | Website: https://bryanamoy.github.io/index.html

EDUCATION

UNIVERSITY at BUFFALO (Junior)

- Undergraduate Major: Computer Engineering B.S   Expected May 2020

PROJECTS

Frogger (ARM Assembly)

- Recreated 1981 Frogger game using ARM assembly, C , Tiva TM4C123GH6PM, & external push buttons
- Timers, Interrupts, UART

Project Safe (C)

- Develop code for a 6-bit binary password safe
- Utilized ATTINY85 Microcontroller, push buttons, resistors, and LEDs

Hot Potato Game (Arduino)

- Built a "Hot Potato Game" with Adafruit Metro M0 Express, LEDs, Buttons, & Arduino
- Utilized Master & Slave concept with I2C

Solitaire (Java & JavaFX)

- Created a functional interface consisting of three card games: Ace's up, Baker's Dozen, & Freecell
- Learned to code a project as a team, delegate roles, & standard computer science professionalism skills (Javadoc, Github, etc.)

Personal Website (HTML & CSS)

- Created my personal website exploring visual and functional web design
- Text box, color, hyperlinks

EXPERIENCE

University at Buffalo IT Position   Present

CIT Public Sites Consultant

- Assist students and faculty on technological problems
- Manage printing stations
- Practiced problem solving and customer service skills

CPC HOME ATTENDANT AGENCY   Manhattan, NY July 2013 – August 2013

Office Intern

- Filed personal folders, created ID's, and logged hours for home attendants
- Reorganized agency's important and personal paperwork of home attendants, clerical work, & data input

SKILLS & INTERESTS

- Computer Languages: C++, C, Java, Python, Arduino, ARM, MIPS Assembly, HTML
- Communication
- Microsoft Word, Excel, PowerPoint
- Year-round Community Service for Asian American Youth Center: Manager of teenage volunteers
- University at Buffalo Association for Computing Machinery
- Hong Kong Student Association
- Chess & Basketball team
- University at Buffalo's 2016, 2017, 2018 Hackathon

AWARDS AND ACKNOWLEDGEMENTS

- The National Academy of Future Scientists and Technologists
- National Honor Society