



BRIAN CHUK

 brian_chuk@yahoo.com
 devchuk.github.io
 git.io/chuk
 goo.gl/Z8OyIL

EDUCATION

New York University Polytechnic School of Engineering, BS Computer Science

Brooklyn, NY | 2014 — 2018 (expected)

- Relevant Coursework: Object Oriented Programming, Data Structures & Algorithms

Stuyvesant High School

Manhattan, NY | 2010 — 2014

- Relevant Coursework: AP Computer Science, Systems Level Programming, Computer Graphics, Software Development

PROFESSIONAL AND ACADEMIC EXPERIENCE

HackNY 2015 Fellow

Manhattan, NY | May 2015 — August 2015

- Paired with a startup to work as an intern
- Details: hackny.org/a/fellows/

Developer Evangelist, Syncano

Manhattan, NY | March 2015 — Present

- Attended hackathons to offer prizes to Syncano API users

Freelance Developer, Frockhub

Brooklyn, NY | March — April 2015

- Developed scrapers to collect fashion product info from various websites

Engineering Intern, Kite and Rocket

Manhattan, NY | May — August 2014

- Used circuit design and 3D printing to create flying camera drones to capture footage
- Flight footage: youtu.be/625-2zjMKD8

Researcher, NYU Mechatronics

Laboratory Brooklyn, NY | June — August 2013

- Further advanced robotic arm accuracy by implementing Arduinos, electrical engineering, 3D printing, and PID controllers

PROJECTS

Parrot February 2015

- An Android and iOS app that saves web content and allows users to speed read it
- Won 3rd place at McHacks 2015

Creation January 2015

- An augmented reality 3D CAD tool where you can draw shapes and pull them out into 3-D figures
- Made with C#, Unity Game Engine, Meta Space Glasses

(See a full list at devchuk.github.io/portfolio)

SmartPenny November 2014

- A skateboard with built-in GPS turn-by-turn navigation
- Won "Best Use of the Google API" at Yhack 2014
- Made with LEDs, an Intel Edison, Node.js, Android

A.F.A.R. September 2014

- An Android app that turns any person into a cardiac arrest first responder and life saver by notifying them of nearby heart attacks and displaying first aid instructions

SKILLS

IN THE MACHINE

- Languages: Arduino/Processing, Android, C, C++, CSS/HTML, Java, Javascript, Python, LaTeX, Bash, Scheme
- Git
- Solidworks Design Software
- JQuery, Node.js, AngularJS

IN THE REAL WORLD

- 3D Printing Technology
- Circuit Design & Debugging
- Large Group Leadership
- Precision Soldering
- Woodworking