

Brian Chuk

Software Engineer

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meet New York City

Education

- ↑ New York University
B.S. Computer Science
Sept 2014 – Dec 2018
Coursework:
Distributed & Parallel Systems,
Computer Security, Software Engineering,
Game Programming, Operating Systems,
Design & Analysis of Algorithms,
Java & Web Design,
Computer Architecture & Organization,
Objected Oriented Programming,
Data Structures & Algorithms, Databases
- Stuyvesant High School
High School Diploma
Sept 2010 – June 2014

Projects






- SecureBrowse Feb 2018
Software Contract Project
Conceptualized and developed an all-browser-supported extension. It verifies web pages via matching DNSSEC TXT records and Subresource Integrity hashes.
- Firefly Oct 2016
Hackathon Project
A light painting device where a 2m stick of LEDs is used to “print” light images in 3D space by moving it horizontally.
- Owl Aug 2015
Hackathon Project
An Android app that analyzes a user’s gait for signs of intoxication. If there are signs, then a designated friend is notified and streamed the user’s location

(see a full list at www.brianch.uk/projects)

Awards

- hackNY 2015 Fellow
- HackRU Fall 2015 Best HardwareHack
- McHacks 2015 3rd Place
- AngelHack Brooklyn 2015 Innovation Winner
- YHack 2014 Google API Winner

Experience

- **Flatiron Health** Jun – Aug 2018
Software Engineering Intern
 - Defined database for metadata and schema information responsible for several million records.
 - Developed a **Flask & AngularJS** CRUD web app to view schemas and metadata
- **B12** Jun – Oct 2017
Software Engineering Intern
 - Designed & developed a version history control system for a website editor in **Django, Python, & AngularJS**.
 - Programmed workflow for freelancers to complete website development requests.
- **Shaper** Jun – Aug 2016
Software Engineering Intern
 - Implemented and shipped several major new cutting modes for Shaper Origin product, using **computational geometry, C++, and OpenCV**
 - Conceptualized user experiences in touchscreen.
- **Syncano** Mar – Nov 2015
Developer Evangelist
 - Demoed BaaS platform in hackathons and developer meetups
 - Authored documentation and sample applications in **HTML, CSS, and Javascript**.
- **Betterpath** May – Aug 2015
Software Engineering Intern
 - Created an integration tester in **Selenium** and **Ruby**.
 - Built web pages in **React.js** and migrated from old web pages in **Jade**.
 - Resolved server-side issues in **Scala**.

Skills

Languages:

Experienced (3+ years) in C++, Java, Javascript (ES6), SQL, & Python
Familiar in PHP, Ruby, C, C#, and Scala

Technologies:

Experienced in Android, Flask, MongoDB, Django, OpenCV, & React
Familiar in AngularJS, Bootstrap, Qt, & Sass

Miscellaneous:

Experienced in Adobe Suite, Figma, Git, Solidworks, 3D Printing
Familiar in AWS, Heroku, & Circuit Design