

Thomas Braun

Software Engineer

Thomasbraun0@gmail.com

<https://tbraun0.github.io/>

908-868-3328

Education

Stevens Institute of Technology

Hoboken, NJ | Graduation May 2018

GPA: 3.5

Bachelor of Arts, Visual Arts and Technology
(Creative Programming Specialization)
Minor, Computer Science

Coursework

Artificial Intelligence • Data Structures •
Algorithms • Systems Programming •
Introduction to Programming in Python •
Computer Graphics Programming •
Discrete Math • Linear Algebra •
Calculus • Web Programming

Skills

Languages | Proficient

C • C++ • Java • Python • Javascript

Languages | Familiar

C#

Frameworks and Tools

React • React-Native • D3 • Redux • Git •
OpenGL • OpenNLP • OpenCV • MySQL •
Docker • JUnit

General

Linux • Agile Software Development •
Unity • Amazon Web Services

Projects

Coin Complex

Cryptocurrency Exchange startup aimed
at giving users more portfolio tracking
data than any other.

Uses Electron, React, Redux, D3, HTML,
CSS, and JavaScript.

<http://coin-complex.com/>

Rush Hour Jr

Implemented two solutions to solve the
Rush Hour board game. One uses Itera-
tive Deepening Depth First Search, other
uses A*

Experience

RBC Capital Markets | Software Engineer Intern

New York, NY | June 2017 - August 2017

- Developed a Chat-Bot with functionality for trading desks.
- The bot is written in Java, and uses OpenNLP, Spring, Amazon Web Services, and various REST API's.
- Functionality covers querying the Internet for market data and news, analyzing the queried data

Nokia (Bell Labs) | Software Engineer Intern

New Providence, NJ | January 2016 - August 2016

- Worked in a small team developing new uses for an internal motion tracking algorithm.
- Designed multiple small games and interactive exhibits to demonstrate these uses.
- Projects displayed at the Liberty Science Center.
- Applications were written in C++ using OpenCV, and assets were made in Autodesk Maya.

Jet | Winter QA Intern

Hoboken, NJ | Dev 2016 - Jan 2017

- Provided Quality Assurance checks for the site, using Jet's internal tools.
- Pushed new products onto the site from Excel spreadsheets.
- Ensured top quality User Experience