Thomas Braun

Software Engineer

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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 Iterative 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

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