

Daniel J. Berkowitz

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Permanent Address: 54 Cohasset Lane • Cherry Hill, NJ 08003

EDUCATION

University of Michigan, College of Literature, Sciences, and the Arts Ann Arbor, MI

May 2018

Bachelor of Science in Computer Science

Major: Computer Science

Minor: Mathematics

SKILLS AND INTERESTS

- Proficient: C++, Java, HTML/CSS
- Previous Experience: Python, SQL, git, MATLAB, R, Scala, C# (MonoGame, XNA), Javascript (jQuery, Node.js), Salesforce
- Language Skills: Proficient in Spanish

EXPERIENCE

Healthcare Recovery Solutions, Philadelphia, PA

June 2015 – Present

Intern

- Manage and implement all aspects of social media development and implementation for marketing purposes
- Research and collect recent news and current events on the topic of toxic exposure, faulty medical devices and dangerous prescription drugs in order to be systematically linked to company website, LinkedIn, Twitter, and Facebook company pages
- Establish a weekly protocol for information dissemination among the various social channels to maximize client exposure
- Gain an understanding of the importance of HIPAA compliance in the workplace and the use and misuse of data in the healthcare industry

Angell Hall Observatory, Ann Arbor, MI

September 2014 – Present

Assistant in Research

- Tutored and worked with students in assembly and operation of a variety of telescopes for class laboratory usage
- Communicated and collaborated with clients and colleagues to organize viewing nights for meteor showers and comets

Booksmart Technologies, Philadelphia, PA

May – July 2014

Programming Intern

- Aided in structure and development of website and mobile application
- Developed user interface for social media metrics using Blade, Laravel, and Javascript

Bquipped, Inc., Cherry Hill, NJ

May – August 2014

Marketing Associate Intern

- Shot, edited, and produced company branded videos to expand investor presence and customer exposure
- Created sports equipment reviews for website application
- Collaborated with a small team (8-10 people) to increase company's brand recognition

PROJECTS

CHIP-8 Emulator, C++ (OpenGL)

- Utilized the standard library as well as OpenGL framework to create a CHIP-8 virtual machine
- Gained a practical understanding of bitwise operations
- Learned how technical systems work at a low level using the fetch-decode-execute cycle

SillyQL, C++

- An emulation of a basic relational database with an interface based on a subset of a standard query language
- Gained experience with selecting appropriate data structures for a given problem
- Learned how to evaluate different representations of the same data
- Designed a range of algorithms to handle different situations

Cronin & Berkowitz Website, <http://www.croninberkowitz.com>, HTML/CSS/Javascript

- Utilized bootstrap framework to develop a responsive and mobile ready website for a class action law firm
- Used grunt command line utility to automate server deployment, optimize photos and increase server response speed

ACTIVITIES

Member, Student Astronomical Society, University of Michigan

September 2014 – Present

- Coordinate with professors and colleagues to host educational and informational events as well as hands-on demonstrations throughout campus

Member, Michigan Snowboarding Club, University of Michigan

September 2014 – Present

Second Dan Blackbelt, Tang Soo Do

January 2003 – Present

Orange Belt, Hapkido

September 2008 – Present