

STEVEN N. FRIEDLAND

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ACADEMIC

University of Michigan LSA Computer Science – (Junior) Class of 2018

LSA Honors Program – 2014-Present

Sophomore Honors Award – 2016

Irvine High School – 9-12th grades

PAST PROGRAMMING COURSES

EECS 203 – Discrete Math – Winter Semester 2015

EECS 280 – Programming & Data Structures – Winter Semester 2015

EECS 281 – Data Structures & Algorithms – Fall Semester 2015

- Used C++ to implement search algorithms, priority queues, and hash maps
- Designed an algorithm to find an optimal or approximated travelling salesman problem solution using heuristics

EECS 370 – Intro to Computer Organization – Winter Semester 2016

- Used C to simulate assembly processors of various architectures, including single-cycle, multi-cycle, and pipelined processors, as well as simulate working memory management

EECS 376 – Foundations of Computer Science – Winter Semester 2016

- Worked with cryptographic principles such as RSA and Hamming codes
- Analyzed design and complexity of algorithms

PROGRAMMING COURSES ENROLLED IN

EECS 388 – Intro to Computer Security – Fall Semester 2016

- Analyzing ciphers and encryption methods, web and network protocols, malware and app security, and data forensics

WORK EXPERIENCE

Knobbe Martens Olson & Bear LLP

– Litigation Department Summer Clerk – Summer 2011, 2012 & 2013

- Responsible for updating documents and files onto computer network
- Responsible for creating and organizing a spreadsheet of major patents for Oakley

– Graphic Designer – 2013

- Used Adobe Photoshop and Adobe Illustrator in order to arrange images of exhibits of the firm's major clients' designs for comparison with potentially infringing designs

iD Tech Camps

– Instructor – Summer 2015 & 2016

- Taught weeklong programming courses to kids ranging from 7-17
- Taught C++, Java, Python, and Scratch programming, as well as Photoshop design

– Tech Coordinator – Summer 2015 & 2016

- Handled managerial tasks such as handling phone calls, caring for equipment, ensuring quality instruction, and troubleshooting

OTHER SKILLS

- ***Proficient in written and spoken Spanish***
- ***Extensive experience with Microsoft Office, Adobe Photoshop, Adobe Illustrator***
- ***Experienced in Python, Java, Javascript, C, C++***