

Noah Eisen

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EDUCATION

BSE, COMPUTER SCIENCE

UNIVERSITY OF MICHIGAN

College of Engineering

Expected May 2016

Ann Arbor, MI

Major GPA: 3.96

Cum. GPA: 3.87

LINKS

GitHub:

github.com/ncteisen

Personal Website:

noaheisen.com

COURSEWORK

EECS 494: Game Design [current]

EECS 484: Databases [current]

MATH 465: Introduction to Combinatorics [current]

EECS 482: Operating Systems

EECS 485: Web Databases and Information Systems

MATH 451: Real Analysis

EECS 381: Object Oriented and Advanced Programming

EECS 370: Computer Organization

EECS 281: Data Structures and Algorithms

MATH 217: Linear Algebra

SKILLS

PROGRAMMING

Principal Languages

C++ • C • Python • Javascript

Other Languages

HTML • CSS • SQL • Bash Scripts

Tools

Git • \LaTeX

OTHER

Running • Juggling • Magic

Origami • Chess • Dancing

Piano • Creative Writing

WORK EXPERIENCE

BLOOMBERG L.P. | SOFTWARE ENGINEERING INTERN

May 2015 – Aug 2015 | New York, NY

- Created multi-tiered tool (frontend UI, service layer, backend task) for Bloomberg developers to aid in the task of debugging and killing haywire processes on production machines.
- Developed a program to track the master logfile on specific production machines and raise alerts and tickets automatically based on previous decisions.
- Won first place in algorithmic coding competition among all of the interns.

TAPP TV | FREELANCE SOFTWARE DEVELOPER

Jan 2015 – April 2015 | San Francisco, CA

- Collaborated with team of freelance coders to create several methods of exploiting Twitter data in order to gauge audience interest and find potential markets for celebrity TV channels.
- Designed and developed a program that uses the Twitter API to construct graphs from follower/following relationships, then performs various metrics on the data (PageRank, HITS, etc).

JUMP TRADING LLC | QUALITY ASSURANCE INTERN

June 2014 – Aug 2014 | Chicago, IL

- Developed an automated testing wrapper to validate company software responsible for sending orders to the BATS exchange.
- Planned and executed comprehensive set of manual tests on a program providing a live market feed from the exchange.

PERSONAL PROJECTS

ISA Doge - Virtual machine written in C that builds and simulates programs in a fictitious assembly language.

Sentence Generator - C++ program that recursively creates sentences according to a state diagram from the book *Gödel, Escher, Bach*.

Escape the Room Game - Text-based adventure game modeled after the game Zork. Can be played on my personal website.

Conway's Game of Life - Command-line simulation of the Game of Life.

LEADERSHIP EXPERIENCE

DERBY DAYS PHILANTHROPY EVENT | EVENT COORDINATOR

Nov 2012 – Oct 2013 & Nov 2015 - current | Ann Arbor, MI

- Planned weeklong fundraising event for over 1000 participants.
- Chaired committee to organize daily fundraising activities.
- Raised over \$3,500 for cancer research.
- Currently planning this year's event with a fundraising goal of \$10,000.

SIGMA CHI FRATERNITY | SOCIAL CHAIR

Nov 2013 – May 2014 | Ann Arbor, MI

- Coordinated with multiple campus groups to plan large-scale social events.