

Ethan Schulz

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EDUCATION

U OF MN TWIN CITIES

BS IN COMPUTER SCIENCE

MINOR IN MANAGEMENT

May 2019 | Minneapolis, MN

College of Science and Engineering

GPA: 3.92 / 4.0

COURSEWORK

UNDERGRADUATE

Intro to Artificial Intelligence

Algorithms and Data Structures

Machine Architecture and Organization

Operating Systems

Discrete Structures

SKILLS

LANGUAGES

Proficient:

Java • Python • C#

Knowledgeable:

Clojure • C++ • SQL • Javascript

TOOLS

Spring • ASP.NET Core • Django

React • Bootstrap • Git • Linux

NOTEWORTHY

Business Professionals of America

National finalist (top 10) for Java

Programming

HackMIT 2016 Participant

Programmed an OCR Android App

in 24 hours at MIT

LINKS

Github: bit.ly/2csxUO2

Website: bit.ly/2d2pOYq

LinkedIn: bit.ly/2cvfFEz

EXPERIENCE

SOFTWARE DEVELOPMENT INTERN | AMAZON

June 2018 – August 2018 | Seattle, WA

- Built code at Amazon scale for a secret project on the retail website's cart
- Dove deep with Spring, Java, and A/B testing for the fullstack web application

SOFTWARE DEVELOPMENT INTERN | REVTRAK

May 2017 – September 2017 | Bloomington, MN

- Built critical OAuth flow for Stripe-like payment processing application
- Coded a .NET Core receipt server to send out receipts for thousands of credit card transactions per day

UNDERGRADUATE TA | UNIVERSITY OF MN - TWIN CITIES

Jan 2016 – May 2017 | Minneapolis, MN

- Provided one-on-one teaching to help students learn the foundations of programming in Intro to CSci, Intro to C++, and Intro to Java
- Prepared material for lab to provide an exemplary learning environment

SOFTWARE ENGINEERING INTERN | EXCELLOVATION

June – August 2015, 2016 | Owatonna, MN

- Constructed an e-commerce website using Django, Python, and Bootstrap that handles hundreds of dollars of transactions weekly
- Developed several Qt applications to collect data at rates of 100 milliseconds on high-frequency manufacturing lines

STUDENT GROUPS

PRESIDENT AND FOUNDER | CRYPTOCURRENCY CLUB

Jan 2016 – Present | Minneapolis, MN

Worked in a team to build the club from 20 members in 2016 to 200+ in 2018.

Presented at meetings of 100+ people about technical topics involving Bitcoin, the blockchain, and other cryptocurrencies.

PRESIDENT | NOBE UMN

Oct 2015 – Dec 2017 | Minneapolis, MN

Managed team of 11 board members to invent, plan, and execute meetings for our student body. These meetings include guest speakers, company recruitment, career preparation, and case competitions.

PROJECTS

WHO'S HOME ALEXA SKILL

August 2018 – Present

Built an Alexa skill to connect with home wifi to speak who's home. Implemented with Amazon S3, Lambda, and API Gateway.

OWATONNA JOBS ONLINE

March 2016 – May 2017

Created a job search website for my hometown using Django, Python, and the Stripe API. Called over 80 companies in Owatonna to get them on the website.