

Jack A. Henhapl
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EDUCATION

University of Illinois- Urbana-Champaign
GPA: 3.77 / 4.00 – Dean's List
Bachelor of Science in Statistics and Computer Science

Urbana-Champaign, IL
Expected Graduation: May 2021

Adlai E. Stevenson High School
GPA: 4.09 / 5.00
Gold Honor Roll for 8 semesters

Lincolnshire, IL
2013-2017

TECHNICAL SKILLS

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|---------------------------|--------------------------------|-------------------------|
| • Java (Proficient) | • Data Structures (Proficient) | • React (Intermediate) |
| • Python (Proficient) | • PowerShell (Intermediate) | • Chef (Intermediate) |
| • HTML / CSS (Proficient) | • SQL (Intermediate) | • JavaScript (Beginner) |
| • C++ (Proficient) | • Git (Intermediate) | • Ruby (Beginner) |

TECHNICAL EXPERIENCE

CME Group
Systems Engineering Intern

Chicago, IL
May 2019-August 2019

- Configured development and production servers by creating Chef Cookbooks
- Created and maintained PowerShell scripts to facilitate the jobs of ETPA Windows team members

CS 225: Data Structures
Course Staff – Data Science Developer

Urbana-Champaign, IL
January 2019-Present

- Created data visualizations from data gathered through machine-problem compilation results, student performance, student participation, and user statistics from our online office hours queue
- Assisted students with technical C++ and data structure problems within office hours and lab sections

CS 125: Introduction to Computer Science
Course Assistant

Urbana-Champaign, IL
January 2018-May 2018

- Taught students Java as well as key components of Computer Science during lab sections
- Aided students with Java, Git, the Android API, and IntelliJ by answering questions within office hours

PROJECTS AND RESEARCH

Office Hours Tracker
Full Stack Developer

Urbana-Champaign, IL
January 2019-May 2019

- Designed and implemented frontend components pertaining to the several course selection pages
- Wrote advanced SQL queries which I helped connect to the frontend

Minecraft Interest Engine – MCIE
Full Stack Developer

Urbana-Champaign, IL
April 2018-Present

- Built system to automatically collect and store data into a MySQL database
- Created API using AWS Lambda which allows analyzed data to be easily accessible
- Created website that displays analyzed data in easily understood and meaningful ways

What-if Hypothetical Implementations in Minecraft
Programmer / Server Administrator

Urbana-Champaign, IL
April 2018-Present

- Created scripts to generate images displaying positions and observations across a map
- Developed plugins to gather player observation data as well as automatically collect position data

EXTRACURRICULAR ACTIVITIES

Marching Illini
Drumline Merchandise Committee Chair, Drumline Member

Urbana-Champaign, IL
August 2017-Present

CME Group - Algorithmic Trading Strategies “CodeUp” Competition
Java Developer – Worked in group of 9

Chicago, IL
July 2019