

Jack A. Henhapl

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EDUCATION

University of Illinois- Urbana-Champaign Urbana-Champaign, IL
GPA: 3.77 / 4.00 – Dean’s List
Bachelor of Science in Statistics and Computer Science Expected Graduation: May 2021

Adlai E. Stevenson High School Lincolnshire, IL
GPA: 4.09 / 5.00
Gold Honor Roll for 8 semesters 2013-2017

TECHNICAL SKILLS

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

TECHNICAL EXPERIENCE

CME Group Chicago, IL
Systems Engineering Intern 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 Urbana-Champaign, IL
Course Staff – Data Science Developer 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 Urbana-Champaign, IL
Course Assistant 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 Urbana-Champaign, IL
Full Stack Developer January 2019-May 2019

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

Minecraft Interest Engine – MCIE Urbana-Champaign, IL
Full Stack Developer 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 Urbana-Champaign, IL
Programmer / Server Administrator 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 Urbana-Champaign, IL
Drumline Merchandise Committee Chair, Drumline Member August 2017-Present

CME Group - Algorithmic Trading Strategies “CodeUp” Competition Chicago, IL
Java Developer – Worked in group of 9 July 2019