

Sam Inloes

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Work experience

09/2020 – 03/2021

BLOOMFIELD HILLS, UNITED STATES

Co-Founder/CTO/Developer **Wagez**

- Constructed model for leveraging user interaction data, providing optimized gameplay experiences in a playable app framework: general and specifics of company technical direction
- Created Django backend to handle online betting game requests, easy handling of game packages to be stored in MongoDB
- Created ML model for game matching and puzzle development for the chess applet
- Mentored junior developer, conducted usability unit and integration testing
- Authored simple React Native frontend for game interaction/user profiles

05/2019 – 05/2020 CHICAGO, UNITED STATES

Associate Software Engineer **Publicis Sapient**

- Led dev team on implementation of React Native/MySQL payroll management web application for Citadel, streamlining and removing days of delay and lapsed security checks in the payroll management pipeline
- Authored database schema to manage authorization hierarchies used in reviewing and approving payroll
- Designed and deployed RESTful application allowing instant and simultaneous approval checks of payroll charts that previously took weeks, streamlining the user experience for the stakeholders

05/2018 – 04/2019 SOUTHFIELD, UNITED STATES

Software Intern **MIC Customs Solutions**

- Authored schematic architecture to manage purging, editing, and deletion for GM's ILM pipeline, aiding project completion 5 months ahead of schedule
- Served as technical advisor for Vancouver and Austria offices' implementation of new debugging and support platforms, creating a startup and maintenance checklist which reduced implementation support calls to near zero

Education

09/2018 – 05/2020 ANN ARBOR, UNITED STATES

B.Sc Computer Science **University of Michigan**

- Graduated Magna Cum Laude, 3.8 GPA
- Editor/Writer for the Every Three Weekly
- Independent Study Topic: Dynamic assessment of pre-clinical dementia via evaluation of performance at 3D rotation and spatial awareness tasks. Developed mobile application using Unity that presents custom rotation challenges to assess cognitive performance
- Entrepreneurial Study: UI design for a graduate student networking platform; coding Chrome extension - course management and assessment platform MBark

09/2016 – 05/2018 NEW YORK CITY, UNITED STATES

B.Sc Math and Computer Science **Columbia University**

- Coursework: Advanced Programming: designed and deployed web server in C
- Website design/online presence maintenance for various clubs and organizations, including the Federalist

Skills

Programming languages

JavaScript (React, Angular, NodeJS), Python, C/C++, Java, Perl, bash

Web Technologies

Django, REST, Web frameworks, Express, HTML5, CSS3, AWS

Data Management

MySQL, MongoDB

Platforms

Web, Android, iOS, Windows, Linux, Chrome

Soft Skills

Team management, effective, efficient communication, problem solving, fast learner, results oriented