Sam Inloes

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💼 Work experience

09/2020 – PRESENT
BLOOMFIELD HILLS, UNITED STATES
Co-Founder/CTO
Wagez
- Created serverless backend to handle online betting game requests, providing load partitioning and easy handling of past game packages to be stored in NoSQL database
- Created ML model for game matching and puzzle development for the chess applet
- Mentored junior developer, conducted usability testing, performed most aspects of Technical Lead and Project Manager roles
- Responsibilities include debugging, automated/manual testing and software development

05/2019 – 05/2020   CHICAGO, UNITED STATES
Associate Software Engineer
Publicis Sapient
- Led intern dev team on implementation of MEAN stack based payroll management web application for Citadel, removing nearly a dozen unnecessary touch-points in the payroll pipeline
- Authored database schema to manage authorization hierarchies used in reviewing and approving payroll, reviewing and clarifying security concerns Citadel had previously overlooked
- Designed full-stack RESTful application allowing instant and simultaneous approval checks of payroll charts that previously took weeks, streamlining the user experience for the stakeholder

05/2018 – 08/2018   SOUTHFIELD, UNITED STATES
Software Intern
MIC Customs Solutions
- Authored schematic architecture to manage purging, editing, and deletion for GM's ILM pipeline, identifying minimally necessary implementations which aided 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 - Transferred
University of Michigan
- Magna Cum Laude, Honor Roll recipient, writer for the Every Three Weekly
- Independent Study Topic: Dynamic assessment of pre-clinical dementia via evaluation of performance at 3D rotation. Developed mobile application using Godot 3D Engine 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

⚗ Skills

Programming languages
Java, Javascript, Typescript (React Redux, AngularJS, NodeJS), C, C++, Python, , Perl, bash

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

Data Management
MySQL, NoSQL MongoDB, Redis

Platforms
Web, Android, iOS, Windows, Linux, Chrome

Soft Skills
Team management, communication, problem solving, fast learner, results oriented