northwestern university, evanston, il   /   **b.a.** computer science & psychology [aug 2019]

PROJECTS

developer & scrum master @ papi   1.2019 - 6.2019
- worked in a team to create a modular and flexible web application to help mayer brown law firm associates analyze purchase agreements quickly through finding and scoring lexical patterns

developer & artist @ the grapplers   1.2019 - 3.2019
- co-designed, programmed and created art in a team of three for "the grapplers," a fighting game made in unity featuring robots equipped with grappling hooks

freelance web developer & designer @ the highly   3.2018 - 12.2018
- co-designed and remotely led development of custom website and newsletter for cannabis editorial, attracting over 100,000 visitors over a 6 month period and recognition from blog typewolf

software apprentice @ knight lab   6.2018 - 9.2018
- open sourced storymapjs by creating a local development environment that offered all functionality without using any apis
- modified documentation read by thousands of users to improve clarity and reflect new functionality
- fixed all reported bugs and created tests with api mocking to prevent bugs from reappearing

RESEARCH

research assistant @ mosaic lab   6.2017 - 12.2017
- assisted with the design of a novel experiment that observes the effects of appearance, gender, and race in video-based online interactions
- redeveloped data collection process for recording, editing and segmenting footage to more efficiently code 700+ messages and behaviors from 500+ study participants, resulting in increased productivity of hours per experiment

INSTRUCTION

lead consultant @ northwestern university information technology   9.2018 - 6.2019
- organized and led trainings for 50+ support center employees, keeping them updated with new software and procedures
- updated documentation weekly on the knowledge base for both internal and external usage
- adjusted onboarding process to effectively transition 12 employees from an outside department, growing the team by 25%

lead media consultant @ academic + research technologies dept., northwestern 9.2016 - 9.2018
- assisted hundreds of library patrons per week with a variety of media-based programs and tasks requiring the university's proprietary hardware and software
- diagnosed and resolved common computer issues involving printing, the university network, and web applications
- repaired and documented fixes to hardware and software used in library computer labs

teaching assistant @ eecs 111, computer science dept., northwestern   9.2017 - 3.2018
- taught functional and object-oriented programming concepts, best practices, and problem solving strategies to 20+ students in 3 weekly classes and office hours
- tested practice exercises, homework assignments and exams for bugs and clarity before releasing to 300+ students

vice president of programming @ college mentors for kids, northwestern   9.2016 - 6.2018
- managed logistics and supervised execution of weekly programming for 80+ mentors and mentees, involving supervising activities, directing classroom general managers, and managing crises
- recruited and trained a team of general managers in working with elementary school students and leading mentors

SKILLS

javascript react native angular node express **python** flask django **csharp** unity **html** sass less
adobe illustrator photoshop indesign **sketch figma asesprite**
cycling skateboarding photography cooking

SIMEON CHARLES