Joshua Irvin

jirvin4523@gmail.com | (309) 530-6665 | github.com/Gamefreak130

EDUCATION

Bachelor of Arts, Computer Science and Linguistics　　　　　　`Sep 2019 - Jun 2023`
Northwestern University, Evanston, IL · GPA: 3.97

EXPERIENCE

Software Developer Intern　　　　　　`Jun 2020 - Present`
State Farm Insurance, Remote

- Earned team innovation award for rewriting WPF file upload client as Blazor web app to resolve security vulnerabilities and improve user experience
- Collaborated with RED Labs to design data analysis and categorization system for voicebot with JavaScript and Elasticsearch, facilitating NLP research and development
- Resolved user pain points by implementing search functionality and DPI scaling in software package installation client

Web Developer　　　　　　`Oct 2019 - Jun 2020`
FUSE, Evanston, IL

- Maintained frontend and backend of Drupal program site, increasing satisfaction of over 26,000 K-12 students and instructors by improving Less styling and removing unnecessary assets
- Streamlined PHP data collection and anonymization pipeline to MariaDB for more ethical and efficient research

Software Developer Intern　　　　　　`Jun 2019 - Aug 2019`
State Farm Insurance, Bloomington, IL

- Spearheaded efforts to bring cross-browser compatibility to software deployment management system serving over 200,000 Windows laptops and servers using ASP.NET and jQuery, reducing technical debt
- Upgraded web apps to support new version of internal technical platform, ensuring security and compliance

SKILLS

Languages	C#, Java, JavaScript, Python, HTML, CSS, SQL, PHP, Racket
Technologies	ASP.NET, WPF, Microsoft SQL Server, jQuery, Vue.js, Git

PROJECTS

Job Overhaul – Interviews and More　　　　https://github.com/Gamefreak130/JobOverhaul
C# modification to The Sims 3 to increase realism in job simulation; "featured upload" on ModTheSims with over 40,000 downloads

Broadcaster　　　　https://github.com/Gamefreak130/Broadcaster
Windows Forms application for adding custom music to The Sims 3; "picked upload" on ModTheSims with over 2,500 downloads

Generative Methods Class Project　　　　https://gamefreak130.github.io/Generative-Methods-Portfolio
Portfolio demonstrating creative computing concepts, such as chatbots and mixed reality, using P5.js, Vue.js, and Bootstrap

AWARDS

Eagle Scout *2019*　　　　BSA Troop 57
Highest attainable award in the Boy Scouts of America, requires planning and execution of community service project