Paul Ramberg

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EDUCATION & COURSEWORK

Bachelor of Science, Computer Science - Truman State University
• Minor in Design, GPA - 3.75   *exp. graduation May 2022*

Important Coursework
• Systems Programming (C, Shell Programming)
• Object-Oriented Programming and Design (Java, Development Process)
• Design Software and Process (HTML, CSS, UI/UX Design)
• Computing Structures and Models of Computation
• Data Structures and Algorithms
• Software Engineering
• Programming Languages
• Database Systems

TECHNICAL SKILLS

• *Languages:* C++, C, Java, HTML, CSS, Python, JavaScript, MySQL
• *Software:* Git, Linux, Unix, Bash, Adobe Suite

PROJECTS

FIRST Robotics Club Founder
• Founded a high school robotics team in an area where no similar opportunities were available
• Learned and taught problem solving for both programming and building competitive robots
• Succeeded in getting both engineering and computer science courses added as electives for local high-school students

Gwent Card Exporter
• Full featured Python application with a complete UI using Tkinter
• Updated UI, UX steps and added features based on user feedback and issues
• Learned how to interact with, extract and decrunch Unity game files
• Learned how to parse and process both xml and json data formats in order to generate images

AutoChef - Made for PickHacks 2019
• Implemented a unique machine-learning algorithm and user-rating system to learn how to generate and then improve recipes
• Wrote Python and JavaScript web server for user input with a HTML and CSS frontend