

Paul Ramberg

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EDUCATION & COURSEWORK

Truman State University - Bachelor of Science, Computer Science

- GPA - 3.75, Minor in Design

exp. graduation May 2022

Important Coursework

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

TECHNICAL SKILLS

- **Languages:** C++, C, Java, Python, HTML, CSS, JavaScript, SQL
- **Software:** Git, Eclipse, JUnit, Linux, Unix, Bash, Adobe Suite

PROJECTS

Gwent Card Exporter

Summer 2020

- Parsed and processed both XML and JSON data formats in order to generate images
- 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

AutoChef - Made for PickHacks 2019

Spring 2019

- Worked with a team of 4 to implement 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

FIRST Robotics Club Founder

2011 - 2018

- 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