Patrick Anderson

Sachse, TX 75048 │ (469)-237-6619 │ pka200001@utdallas.edu | www.linkedin.com/in/patrick-k-anderson

Education

Bachelor of Science in Computer Science   May 2024
The University of Texas at Dallas, *Richardson, TX*   GPA: 2.8

Skills

Programming: C/C++, Java, PHP, C#, MIPS, Quarkus, HTML, CSS, JavaScript
Database: MySQL, PhpMyAdmin, MongoDB
Additional: MS Office (Word, Excel, PowerPoint, Teams), Trello, GitHub, VSCode, Git, CodeIgniters
Soft Skills: Fast learner, Organized, Hard worker, Time management, Leadership capabilities

Academic Projects

VR Fire Simulation and Emergency Response   August 2019 – May 2020
Commissioned Driving and Emergency Response training game for fire department.
- Guided a group of peers to develop VR simulation to train local fire department on our local roads and town.
- Programmed wheel and pedal controller to operate the firetruck in the game environment.
- Organized and restructured file system for version control and clean and clear organization.
- Spoke at Esri Convention in summer 2019 about our project integrating their GIS products and software.

Sogeti x Intel – Game Jam   Summer 2022
48-hour game development contest to promote environmentalism
- Lead group of 5 friends to develop a video game in Unity to satisfy the contest requirements and judge panel.
- Programmed enemy AI, randomly generated terrain and items, and game animations and interactions.
- Winners of Best Code caption with prize 2500 euros. Our code was described as clean, efficient, and well organized.

Professional Experience

Marketing and Web Development Intern   January 2020 – August 2021
Law Enforcement Seminars LLC, Richardson, TX
- Generated mailers, faxes, and emails using MS Office to advertise police training events across the nation.
- Sorted, analyzed, and warehoused marketing data using PHP and MySQL to provide actionable.
  insights
- Communicated professionally with different levels of police position from Police Officer to Chief of Police

Online Java and Unity Camp Instructor   January 2020 – August 2021
InternalDrive Inc, Remote
- Mentored and guided students aged 11-17 and educated them on Java and Unity
- Established personal connections with students to inspire desire to learn programming languages and concepts with high satisfaction rates among students.
- Participated in weekly team meetings to discuss our struggles, achievements, and brainstorm ideas to generate engagement.

Barista   May 2020 – May 2022
Starbucks Garland, TX
- Hand crafted personal food and drink items for valued customers.
- Established personal connections with each customer to foster a warm and friendly environment.
- Maintained clean and safe workspaces for myself, fellow employees and customers.
- Adhered to rules and regulations imposed by management and corporate entities.

Awards & Honors

Best Code, *Sogeti x Intel – Game Jam*   Summer 2022
Guest Speaker, *Esri Convention, San Diego, CA*   Summer 2019