

Pierce Smith

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Objective

I strive to attain a PhD in Physics. Upon completion, I plan to use the knowledge and skills I have gained through my education to create a career for myself in the space-tech industry.

Education

AAS IN COMPUTER SCIENCE | 2020 | AIKEN TECHNICAL COLLEGE

- Main study: C++ Programming
- Other studies: Video Game Development, Desktop Application Development, Web Page Development, Database Management, Computer Systems Management, Cisco Networking and Network Architecture
- GPA: 3.65
- Dean's List: 2016 – 2019

SRNS NUCLEAR FUNDAMENTALS CERTIFICATE | 2020 | AIKEN TECHNICAL COLLEGE

- Studies: Nuclear Sciences (Physics and Chemistry), Radiation Protection Technology, Process Control Systems, Hydraulics and Pneumatics
- GPA: 4.0
- Dean's List: 2019

INTERNET PROGRAMMING CERTIFICATE | 2020 | AIKEN TECHNICAL COLLEGE

- Main study: Full-stack Development
- GPA: 3.65
- Dean's List: 2016-2019

Skills & Abilities

PROGRAMMING LANGUAGES

- Comprehensive, directed study in C++ and C# at Aiken Technical College
- Independent study in Swift, C++, C#, GML, Java, SQLite
- Other directed studies include: Visual Basic (also VB.NET implementation through the ASP.NET framework), HTML5, CSS3, JavaScript and its library jQuery (UI), PHP, MySQL
- Text editors/IDEs used: Visual Studio, Xcode, Android Studio, MySQL Workbench, Notepad (++), Atom

VIDEO GAME DEVELOPMENT & DESIGN

- Comprehensive, directed study in the Unity3D game engine at Aiken Technical College
- Independent study in Unity3D, Game Maker Studio 2, Unreal Engine 4

NETWORK ADMINISTRATION & NETWORK UPKEEP

- Directed study in network administration at Aiken Technical College
- Hands-on experience working with routers and switches
- Experience in physical and virtual network environments

HARDWARE/SOFTWARE CONSTRUCTION & TROUBLESHOOTING

- Comprehensive, directed study in IT work at Aiken Technical College
- Independently constructed multiple desktop computers
- Extensive work and study using Windows and macOS
- Familiar with Linux based systems (mainly Ubuntu)

INDUSTRIAL NUCLEAR KNOWLEDGE

- Hands-on, directed study with applied knowledge in Nuclear Physics and Chemistry
- Hands-on, directed study into industrial hydraulic, pneumatic, and process control systems
- Hands-on, directed study into the biological effects of differing forms of ionizing radiation, and how to use radiation protection technology for each

OTHER NOTABLE SKILLS

- Experience in several DAWs for audio production: FL Studio, Logic Pro X, GarageBand
- Experience with image editing programs such as: Adobe Photoshop, GIMP2, Inkscape
- Experience with video editing programs such as: Final Cut Pro X, Adobe After Effects