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Christopher Desmond

SKILLS

Languages		Experience	Environments
C++	C#	Image Processing	Unity
Python	Java	Computer Vision	Unreal Engine
Go	Matlab	Mobile Development	Android Studio
HTML/CSS	Javascript	Machine Learning	Windows and Unix-like

EDUCATION

Bachelor of Science in Computer Science
UNC Charlotte

> Concentration in Intelligent Systems
> Minor in Business
> Cum Laude

RELEVANT EMPLOYMENT

Research Assistant   Charlotte, NC
Video and Image Analysis Lab, UNCC   May 2016 – August 2016

> Worked in the Video and Image Analysis Lab under Dr. Min Shin.
> Developed a GPU-accelerated Particle Filter for use in tracking moving objects in video.
> The team contributed to separate pieces of a larger object tracking research project.
> Participated in weekly progress and review presentations with the entire team.
> Presented my work at a research symposium at the end of the period.

RECENT PROJECTS

Ritual Master   C# / Unity / Android

> 2D puzzle game prototyped at Global Game Jam, currently under development. Complete
> rituals to appease the gods in perplexing mastermind style gameplay.

GatherMate   Java / Android

> Prototype mobile application for spontaneous event scheduling. Users can create events
> that are visible to friends. Colored travel times indicate whether you can make it to an event
> on time and are updated from current traffic conditions via the Maps API.

Particle Filter   Matlab / C++

> Object tracking model for use in many different applications. The goal was to maintain
> accuracy of tracking while reducing tracking times. Parallelizing for GPU significantly
> accelerated the task over conventional serial methods. Part of larger research project.

OTHER EMPLOYMENT

E-3, Fireman, Electrician's Mate   Chicago, IL
United States Navy   Jan 2014 – Mar 2014

      Electrician's Mate in the Nuclear Field
      Left with a Medical Separation

Manager   Winston-Salem, NC
Pizza Hut   Jan 2013 – Dec 2014

I managed the team members during my shift, handled opening and closing operations for the store, and dealt with customers directly to resolve any quality or service issues they might have encountered. I filled every role in the store when needed. I also handled transactions and cash deposits.

AWARDS AND RECOGNITION

Second Place in Research Showcase — College of Computing, UNCC

Chancellor's List and Dean's List — College of Computing, UNCC

Eagle Scout — Boy Scouts of America