

PETER KERES

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GitHub Account: "github.com/peterkeres" Personal Website: "pkeres.com"

KEY ACHIEVEMENTS

2020 – Association of Computing Machinery – Vice President

Acting Vice resident of the ACM student chapter at Columbus State University

Kept the ACM chapter an active part of the student body though finical planning and activities. holding weekly meeting where we would do small coding projects with a group of students. Also, by-weekly workshops showing off new technology/ techniques that are not shown in the classroom.

2020 – AINA International Conference – Developer

Research paper published about microclimate Mesonet design presented at AINA

Apart of a team whose research into Mesonet design got published and presented at the AINA international conference in Italy. My position on the team was focused on the design and implantation of the database used for the creation of the Mesonet.

2019 – ACM Mid-Southeast Conference – Developer and Presenter

Presented demo of a facial recognition project

Co-Developed a facial recognition system using OpenCV to secure access of facilities. The application would scan a person face, see if are in the system, and then allow access accordingly. This project was accepted and presented at the ACM Mid-Southeast conference.

RELEVANT EXPERIENCE

2019/2020 – Columbus State University – Computer Science Tutor

As a tutor, I would help students who had problems with any computer science related topic or homework assignment. This would include help with design, concepts, and theory considered relevant to computer science. Also, advice concerning syntax, data structures, and bugs in relation to their project. Often, we would hold group workshops to go over large projects students were working on.

2019 – OmegaFi – Web Developer Intern

A team member and I were put in charge of migration of the php v5 code base to php v7. During this process I had to take the old, mostly undocumented, php 5 code base and make a document sheet for the codebase. During my time as an intern I also got familiar with their stack of businesses applications. This included a ticking system Jira, a documentation program Confluence, and their version control system GitLab.

2009/2011 – Wedding Media Group of Atlanta – Video Editor

Video editor for any current weddings in production. This included making a short teaser for the wedding, making the DVD menu, and printing out the DVD's to get ready for shipping. From time to time would include filming the wedding as well.

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EDUCATION

Columbus State University, Columbus, Georgia

BS, Computer Science, Systems Track

Planned Graduation Fall 2020

PUBLICATIONS

'Educational Microclimate Mesonet System Design'

LNCS series, Springer Publishing Germany, 2020

PRESENTATIONS

'Using Facial Recognition to Secure Access of Facilities', ACM Mid-Southeast, 2019

'3D Printing Workshop', Columbus State University, 2019

'Prevention of School Shootings', QEP Tower Day, 2018

TECHNICAL COMPETENCIES

LANGUAGES	BUSINESS	OS	SOFTWARE	LIBRARIES
Python	Microsoft Word	Mac	Git	Django
Java	Microsoft Excel	Windows	NetBeans	OpenCV
C	Microsoft Power Point	Linux	Visual Studio	
Visual Basic	Microsoft Outlook		WSL	
PHP	Confluence		JetBrains	
Cobol	Jair		Visual Code	
Assembler	GitLab/GitHub		Android Studio	
HTML	Slack		Unity	
CSS	Asana		Photoshop	
JavaScript			Final Cut	
Kotlin			Adobe Premiere	

PROFESSIONAL RECOGNITIONS

Columbus State University

Winner of the QEP Tower Day Award

The competition's goal was to solve an unsolved problem in the community

Earned this award by delivering a prototype program and a conceptual pitch on how to better protect schools against gun violence.

OmegaFi

Awarded 'OmegaFi Academic Scholarship'

This is awarded to students who have high academic achievements and have presence in the computer science community.