Nathan Cooper

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Address: 25 Hancock Lane Pensacola, FL 32503

EDUCATION

COLLEGE OF WILLIAM & MARY
Ph.D in Computer Science
Expected May 2023 | Williamsburg, VA

UNIVERSITY OF WEST FLORIDA
B.S in Software Engineering
Expected May 2018 | Pensacola, FL
College of Engineering
Honor Roll: Spring, Summer, and Fall of 2016
Cum. GPA: 3.72 / 4.0
Major GPA: 3.83 / 4.0

LINKS

Website:
https://nathancooper.io
Github:
https://github.com/ncoop57
LinkedIn:
https://www.linkedin.com/in/nathan-cooper-820292106/

SKILLS

PROGRAMMING
Fluent In:
Java • C • Bash • NodeJS
TECHNOLOGIES
Cloud Computing • Containers • Virtual Machines • Version Control • Continuous Integration & Delivery

PROJECTS

Parking App:
Java desktop application to help parking services create and keep track of parking lot statistics such as space availability and parking space roles.
Easy Voters:
Android app created using Google's Flutter framework that allows people to create surveys with ease and see up to date analytics of what your friends or colleagues choices are.
Cloodle:
Android app created using Google's Flutter framework that allows people to play the children's cloud spotting game on their phones and with their friends.

EXPERIENCE

UNIVERSITY OF WEST FLORIDA | Computer Science Tutor
March 2016 – Present | Pensacola, FL
- Assisting students with various programming languages such as, Java and C
- Presenting and organizing freshmen level workshops for students in beginner programming and database classes

COLLEGE OF WILLIAM AND MARY | Computer Science Teaching Assistant
August 2018 – Present | Williamsburg, VA
- Hold office hours to help guide students in class projects and homework.
- Grade and provide feedback on student projects and homework assignments.

RESEARCH

AUBURN UNIVERSITY | Undergrad Research Assistant
May 2017 – July 2017 | Auburn, AL
- Worked in a two-person team on the Auburn University's REU Smart UAV program.
- Created an autonomous navigation system using computer vision on an embedded GPU for a Quad-copter.

UNIVERSITY OF WEST FLORIDA | Software Engineering Research Assistant
September 2015 – August 2018 | Pensacola, FL
- Authored three research papers on Cloud Security and DevOps Pipelines for educational purposes.
- Attended and presented at Kennesaw State University for research into creation of an automated Continuous Delivery Pipeline for educational purposes.
- Researched different tools for speeding up the development and deployment process of companies' software.
- Researched and developed an educational pipeline to help students learn and visualize Continuous Delivery concepts.

AWARDS

2018	3rd place in UWF's CodeFest: Developed a multiple player android app named Discoverers to inspire people to learn more about their planet's geography.
2017	19th place in ACM Southeast Regional ICPC in Division II. Team name "GreatScott!"
2017	UWF's CodeFest: Most Creative Idea for Cyber Security Game
2017	Outstanding Student Award
2016	Top 50 in ACM Southeast Regional ICPC in Division II. Team name "Forgotten PSVM"

SOCIETIES

2017	Chair	Association of Computing Machinery Chapter
2017	President	Association of Information Technology Professionals