

Noah Jennings

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Education

- August 2017 - current: **Undergraduate**, B.S. (Computer Science)
 - GPA: 3.47
 - Related Courses:
 - Data Structures/Algorithms, Software Engineering, Mobile App Development, Object-Oriented Programming & Design, Research Methods in Data/Web Science, Intro-Artificial Intelligence

Research Experience

- Fall 2018 - present; ODU M-MARC Scholar, Old Dominion University with Dr. Shubham Jain
 - Developing a C++ program to detect repetitive movements in real-time using a smartphone camera and object detection libraries.
 - Building a deep learning framework for real-time fitness tracking.
- October 2019 - November 2019; Undergraduate Independent Study, Old Dominion University with Dr. Desh Ranjan
 - Designing Python programs to generate makeshift gene sequences, and to read and splice a gene sequence into various codons to be translated into their corresponding proteins
- October 2019; Undergraduate Independent Study, Old Dominion University with Dr. Jing He
 - Understanding the origin and advantages of modern-day Cryogenic Electron Microscopy

Presentations

- The Fourth IEEE/ACM Conference on Connected Health: Applications, Systems and Engineering Technologies (CHASE). September 25th-27th Washington, D.C. "Demo Abstract: MirrorMatch: Real-Time Detection of Repetitive Movements using Smartphone Camera" Authors: Noah Jennings and Shubham Jain.

Certifications

- Machine Learning - Stanford University 2020

Technical Skills

- Software Development
- Software Management with Git services
- Endnote/LaTeX Bibliography
- Object-Oriented programming
- Unix/Windows command-line interfaces
- Octave algorithm design
- Adobe Creative Cloud graphic design
- Python scripting

Organizations and Extracurricular Activities

- Summer 2019 - present: Maximizing Access to Research Careers Undergraduate Student Training in Academic Research (M-MARC U*STAR program)
- Fall 2017 - present: The National Society of Collegiate Scholars
- Fall 2017 - present: National Society of Black Engineers

Volunteer Work

- Fall 2019: Goodwill Floor Management

References

- Dr. Shubham Jain, Old Dominion University, Department of Computer Science; 4600 Elkhorn Ave, Norfolk VA. 23529;
Telephone: +1 (757) 683-7715
Email: sjain@odu.edu
- Dr. Desh Ranjan, Old Dominion University, Department of Computer Science; 4600 Elkhorn Ave, Norfolk VA. 23529;
Telephone: +1 (757) 683-7711
Email: dranjan@odu.edu
- Dr. Jing He, Old Dominion University, Department of Computer Science; 4600 Elkhorn Ave, Norfolk VA. 23529;
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