Noah Jennings

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Education
- August 2017 - current: **Undergraduate,** B.S. (Computer Science)
  - GPA: 3.47

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 a Python program to generate makeshift gene sequences and another to read and splice a sequence into various exons 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.

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;
  Telephone: +1 (757) 683-7716
  Email: jhe@cs.odu.edu