

J. ELLIOT MILLER

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EDUCATION

Bucknell University

Senior Undergraduate
Department of Computer Science Minor in Philosophy
Member of Bucknell Student Government
Member of Project Management Institute

June 2016 - Present
Overall GPA: 3.5/4

Harrisburg Area Community College

Associate of Arts
Department of Mathematics and Computer Science
Member of Student Government
Member of Project Management Institute
President of Phi Beta Lambda
Member of Phi Theta Kappa

June 2014 - May 2017
Overall GPA: 3.96/4

NCCER

Certifications
Vocational Training

May 2013 - April 2014

Ferris State University

Certification
Geothermal for Home

August 2013

Ohio University

Undergraduate

June 2011 - August 2011
Overall GPA: 3.665/4

PA Highlands Community College

Certificate

January 2009 - December 2009
Overall GPA: 4/4

TECHNICAL STRENGTHS

Computer Languages **Software & Tools**

C/C++, Java, Python, Visual Basic, C#
Unity, LaTeX, Git, Gimp, Microsoft Office Suit, AutoCAD

EXPERIENCE

Bucknell University

Undergraduate Research

June 2018 - Present

- Employed SciKitLearn to construct machine learning classifier used in analyzing effectiveness of epsilon-Differential Privacy data protections.
- Built custom application to extract and present experiment results across seven variables
- Presented research at Susquehanna Valley Summer Research Symposium

The Bayeux Group

November 2014 - Present

Manager

- Designed and launched Ethical H2O grand opening.
- Established procedures to monitor and analyze social media and direct marketing campaigns.
- Documented marketing strategies and results for future review and refinement.

Bureau of Veterans Affairs

September 2018 - Present

Intern

- Works on software development team of three interns to create process simulation software for hospital lean strategy training.
- Primarily responsible for constructing underlying application structure and logic.
- Communicated progress to hospital staff and administration while soliciting feedback and criticism.

ACADEMIC ACHIEVEMENTS

Bucknell Community College Scholars Program Scholarship

Ranked second in Strategic Analysis and Decision making at Phi Beta Lambda state conference 2015

RELEVANT COURSES

Core Courses

Discrete Structures

Calculus III

Algorithms

Life, Computers & Everything

Software Engineering and Design

Other Courses

Computer Organization & Programming

Operating Systems

Logic

Linear Algebra

Cognitive Science (Audit)

EXTRA-CIRRICULAR

Student Government

Ballroom Dance

Student Driver

Martial Arts

Gran Fondo Cyclist