

Gordon M. Finnie III

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I am driven to explore patterns in the natural world. I wish to be a part of developing inspiring technology - that which utilizes beautiful design to solve humanity's most challenging problems.

EDUCATION

Williams College

Bachelor of Arts, Computer Science
Bachelor of Arts, Mathematics

Williamstown, Ma

May 2016
May 2016

EXPERIENCE

Williams Web Development Office:

Web Ops Intern

2013 - 2015

Worked closely with staff to manage the college's websites. Such collaborative work gave me a greater understanding of operating a large web domain and the importance of version control in updating content and software.

Williams Department of Computer Science:

Research Fellow

2014 - 2015

Independently developed an Energy Disaggregation system for a smart home in Amherst Massachusetts. The design applies machine learning algorithms to circuit-level energy usage data in order to predict active circuits from aggregate energy usage

Independent Research

2015 - 2016

Independently developed a Contact Sharing system which automatically exchanges contact information when two people wearing smart watches shake hands. Work included analyzing sensor level accelerometer data, building an Android App, developing a back-end server environment with a MySQL database, and enabling communication via the web.

SKILLS

Programming

Java
C
PHP
SQL
Javascript
Apache Hadoop

I am most experienced in building software systems which apply machine learning algorithms to problems with vast amounts of data, and no clear solution.

Software

Adobe Illustrator
Adobe Photoshop
Google Slides
Microsoft Excel
Weka Machine Learning

LEADERSHIP

Head Coach

Williams Women's Water Polo

2012 - 2016

Captain

Williams Men's Water Polo

2012 - 2016

We turned a freshman season with 0 wins into a senior season with a Colonial Conference title and a trip to the National Championship. Awarded: Colonial Division MVP, 1st Team All-American