

Eric Hjalmar Metcalf

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Objective

An internship utilizing my skills in Electrical Engineering, Economics, and Computer Science

Education

Lehigh University, Bethlehem, PA Expected 2016

B.S. Computer Engineering GPA: 3.88

B.S. Integrated Degree in Engineering and Social Science: Concentration Economics

Relevant Courses: Data Structures, Discrete Structures, Digital Systems Laboratory, Electronic Circuits, Linear Methods, Signals and Systems, Econometrics

Accolades and Activities: Deans List, Member of Phi Sigma Kappa Fraternity, Member of Alpha Phi Omega Service Fraternity, Ultimate Frisbee, Backpacking, Running, Kayaking and Sailing

London School of Economics, London, England Summer, 2014

• Studied Econometrics, Statistical Analysis and Environmental Economics

National Outdoor Leadership School, Conway, WA and Anchorage, AK

Pacific Northwest Backpacking May, 2014

• Backpacked for a month while mastering leadership techniques and skills learned in previous course.

Alaskan Kayaking and Backpacking June, 2011

• Backpacked and kayaked for a month in Alaska while learning leadership skills, such as communication, judgment and decision making, tolerating adversity and uncertainty, and managing group dynamics.

Skills

Java ≡≡≡ Matlab ≡ Verilog ≡≡≡ Unix ≡≡ VBA ≡≡

Python ≡≡ Cadence ≡ C ≡ 8085 Assembly ≡≡ Exel ≡≡≡

Related

Experience

Wired Consultant at Lehigh University, Bethlehem, PA August, 2013-Present

• Provided consultation to Lehigh students regarding general computing and problems encountered
• Handled Lehigh students' computer problems pertaining to operating systems, hard drive failures, and network problems

Bioinformatics Research at Lehigh University, Bethlehem, PA August, 2013-Present

• Ran statistical models using shell scripts on electric fields emitted by proteins to determine if differences in proteins exist

Risk Analyst Intern at Ares Corporation, Clear Lake, TX May, 2013-August, 2013

• Collaborated on a team for Boeing's vehicle in NASA's Commercial Crew Program
• Created an automated process with Visual Basic for Applications to update the statistical model used to determine failure probability
• Obtained and interpreted data which was used to calculate probability of a fireball engulfing spacecraft
• Accounted for Boeing's most recent design changes in the statistical model

Leadership

V.P. of Scholarship for Phi Sigma Kappa Nu Chapter May, 2014-Present

• Organized academic events for Phi Sigma Kappa Fraternity
• Oversaw the scholarship plan, helping people achieve the best academically they can

Co-director of the First Annual Taft Alumni SeasIt 5k, Watertown, CT Spring, 2012

• Successfully organized a race which raised \$10,000 dollars for SeasIt, a non-profit organization providing support for cancer patients.

Other

Experience

Peer Tutor at Lehigh University, Bethlehem, PA January, 2014- Present

• Tutored students in Economics and Electrical Engineering while finding the best approach to teach concepts