Henry Cook, III

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Education

2000 - Present — The Johns Hopkins University — Baltimore, MD

B.S. Engineering Mechanics

B.A. Physics

- Dean's List Fall 2000, Spring 2001, Fall 2001, Spring 2002
- Graduation Date: May, 2004
- Cumulative GPA: 3.87
- In Major GPA: 4.00

Activities & Honors

- Recipient, Hodson Trust Scholarship; awarded on basis of academic merit
- Recipient, Summerfield Scholarship; awarded on basis of academic merit
- Member, JHU Chapter, National Society of Collegiate Scholars
- JHU Parliamentary Debate Team
- JHU "Danger Zone" Ultimate Frisbee Team

Work Experience

REU (Research Experience for Undergraduates) Programs

May – July, 2002 — Microelectronics & Photonics Department, University of Arkansas — Fayetteville, AR

June - August, 2001 — Physics Department, Colorado State University — Fort Collins, CO

Assistant to Director of Industrial Initiatives

September, 2001 - Present — Office of Industrial Initiatives, Johns Hopkins University — Baltimore, MD

- Independently researched projects and summarized information using the Internet
- Example: responsible for research for the Whiting School of Engineering Summer Internship homepage (http://www.wse.jhu.edu/wse_internships)

Customer Service Associate

June,1998 - August, 2001 — Wal-Mart Stores, Inc. — Cheyenne, WY

- Worked as a cashier and customer service associate; independently dealt with customer service issues
- Full-time summer job during high school; part-time summer job in 2001 (while also working full-time as a research assistant)
- Cashier of the Month, April 2000

Research Experience

Summer, 2002 – Worked in an interdisciplinary research experience for undergraduates program. Completed an analysis of different designs for microwave frequency spiral inductors using Microwave Office electromagnetic simulation software.

January, 2002 – Worked with another undergraduate to enter a design competition sponsored by the Aluminum Extruders Coalition. Our entry consisted of designs for extrudable aluminum paneling and 2x4's of strength comparable to steel at 1/3 to 1/2 the weight.

Summer, 2001 – Independently completed two separate projects in an optics/laser lab. Experience included laser operation, experimental optics, and basic machine shop work. A full description of the work can be found at http://www.physics.colostate.edu/groups/lasers/undergrad/imaging.htm.

References

Dr. Siu Au Lee
Professor of Physics
Colorado State University
(970) 491-6389

Kevin Ayers
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Lani Hummel
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