Adam STENSON

PERSONAL INFORMATION

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EDUCATION

University of Rochester, Rochester, NY

MAY 2022 *Expected*	Master of Business Administration
MAY 2019	Master of Science in Electrical Engineering Concentration: Computer Design & Computer Engineering
MAY 2018	Bachelor of Arts in Physics Bachelor of Science in Electrical & Computer Engineering Minor in History

Fort Hays State University, Hays, KS

MAY 2014	Kansas Academy of Mathematics and Science

RESEARCH EXPERIENCE

Modeling Josephson Junctions in LTSpice for Use in Superconducting Single Photon Detector Readout Systems

APR 2019 MAY 2018	Advisor: Dr. Roman Sobolewski, University of Rochester Thesis

Experimentally Determining the Accuracy of a 3D Printed 80 Sappho Asteroid Model

MAY 2014 MAY 2013	Advisor: Dr. Paul Adams, Fort Hays State University Paper | Poster

HONORS AND AWARDS

University of Rochester

MAY 2018	Excellence in Undergraduate Teaching, Department of Physics & Astronomy

Fort Hays State University

MAY 2014	1st Place: KAMS Division, Scholarly and Creative Activities Day Undergraduate Research Poster Contest

TEACHING EXPERIENCE

Department of Electrical & Computer Engineering, University of Rochester

MAY 2019
AUG 2018
	Graduate Teaching Assistant
	- Continued the responsibilities of the undergraduate position
	- Courses Taught:
	    - ECE 101, Introduction to Computing Systems: Fall 2018
	    - ECE 112, Digital Logic Design: Spring 2019 (Head TA)

- ECE 210, Circuits for Non-Majors: Spring 2019
- ECE 230, Electromagnetic Waves: Fall 2018

May 2018 | **Undergraduate Teaching Assitant**
Jan 2018 | - Lead workshops and/or laboratory sessions on a weekly basis
- Grade homework assignments and laboratory reports
- Assist the professor with proctoring and grading exams when needed
- Course Taught:
  - ECE 112, Digital Logic Design: Spring 2018

Department of Physics & Astronomy, University of Rochester

May 2019 | **Graduate Teaching Intern**
Aug 2018 | - Continued the responsibilities of the undergraduate position with an increased number of students
- Courses Taught:
  - PHY 121, Mechanics: Spring 2019
  - PHY 122, Electricity & Magnetism: Fall 2018

May 2018 | **Undergraduate Teaching Intern**
Jan 2015 | - Lead weekly workshop/recitation
- Grade weekly homework assignments
- Proctor and grade exams 1-2 times per semester
- Courses Taught:
  - PHY 121, Mechanics: Spring 2015, 2016, 2017, 2018
  - PHY 122, Electricity & Magnetism: Fall 2016, 2017
  - AST 106, The Solar System & It's Origins: Fall 2015

WORK EXPERIENCE

ALSTOM Signaling Inc

Current | Software Designer, Engineering Leadership Rotational Program
Jun 2019 | - Rotational program to provide a system level understanding of Alstom products and interdisciplinary experience beneficial to engineering project management.
- Rotations:
  - Software (June 2019 - January 2020)
  - Hardware (January 2020 - June 2020)
  - Project Management (June 2020 - January 2021) *Anticipated*
  - Safety (January 2021 - June 2021) *Anticipated*

AS&E Information Technology Center, University of Rochester

Jun 2019 | Head Student Supervisor
May 2017 | - Interview job applicants and make hiring suggestions to full-time staff
- Manage the student lead team and assist the full-time staff managers in the general management of the IT Center
- Oversee the internal web development team
- Continue to complete the tasks listed under ResNet Consultant 3

May 2018 | Web Developer
Dec 2017 | - Updated and maintained the internal IT website that tracks employees, schedules, loaners, meetings, and appointments
- Assisted in the training of new team members

May 2017 | ResNet Lead, Technical Training Coordinator
May 2016 | - Interviewed job applicants and make hiring suggestions to full-time staff
- Planned and executed technical training events and evaluations for the student staff
- Assisted the full-time staff supervisors in the general management of the IT Center
- Continued to complete the tasks listed under ResNet Consultant 3

MAY 2016 AUG 2015	ResNet Consultant, Level 3 - Handled more complex troubleshooting tickets - Assisted the student leadership in the training and evaluation of new employees - Continued to complete the tasks listed under ResNet Consultant 1
AUG 2015 AUG 2014	ResNet Consultant, Level 1 - Performed routine software and hardware troubleshooting for faculty, staff, and student computers and phones - Removed malware and spyware from customer devices - Helped students troubleshoot the wired internet connections in their dorm rooms

Department of History, University of Rochester

MAY 2018 AUG 2015	Office Assistant, Website Management - Managed the department website - Assisted staff members and faculty with routine office work

University Honors Initiatives, Fort Hays State University

MAY 2014 AUG 2013	Administrative Assistant to the Director of University Honors Initiatives - Served as Administrative Assistant for the Fort Hays State Honor Society - Helped lay the ground work for the Honors College created at Fort Hays State University the year after my graduation - Maintained the website for the Distinguished Scholars' Program - Performed office tasks for the Director pertaining to the courses he taught

Science & Mathematics Education Institute, Fort Hays State University

MAY 2014 MAY 2013	Makerspace Coordinator - Setup the new makerspace at Fort Hays State University - Maintained the makerspace equipment including three 3D printers - Developed and executed programs for area elementary school students - Assisted students that used the space for research projects

COMPUTER SKILLS

Operating Systems:	Windows 7/8/10, macOS, Debian based Linx OS
Programming Languages:	C++, Python, HTML/CSS, JavaScript, Verilog
Other:	Microsoft Office, Apple iWork, Mathematica, LaTeX