Colin S. Stern

RESEARCH ASSISTANT · EMBEDDED SYSTEMS

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Education

University of Massachusetts Amherst   *Amherst, Massachusetts*

B.S. IN COMPUTER SCIENCE   *Sept. 2015 - May 2019*

- GPA: 3.96

Experience

Course Staff for CompSci 190D: Using Data Structures   *Amherst, Massachusetts*

GRADER   *Sept. 2016 - PRESENT*

- Graded assignments for COMPSCI 190D, an introductory computer science course.

Research Assistant, Sensors Lab (Prof. Deepak Ganesan)   *Amherst, Massachusetts*

RESEARCHER FOR <DEVELOPING NETWORKING FOR A REAL-TIME MOBILE GAZE TRACKER>   *June 2016 - PRESENT*

- Implemented Bluetooth file transfer for the iShadow wearable gaze tracker by writing a server program on the embedded device and a client app for Android.

Skills

Languages **Proficient in Java**, C/C++, Python and Scala

Platforms **Develop on Windows**, Debian Linux and with Git

Interests **Experience with embedded development**, and mobile health research

Personal Projects

"Automated Hackathon Judge" at Hampshire College's HampHack   *Amherst, Massachusetts*

HACKATHON PARTICIPANT   *Feb. 2016*

- Developed an application that predicts whether an inputted hackathon project will win a prize at a hackathon.
- Uses a naive Bayes classifier machine learning algorithm on a training set of all past hackathon projects in the Devpost database.
- Implemented the Indico API and web scrapers.

"Yo Mamma Joke Generator" at HackUMass Hackathon   *Amherst, Massachusetts*

HACKATHON AWARD WINNER   *Oct. 2015*

- Created an application that turns internet news articles into Yo Mamma jokes.
- Uses natural language processing and sentiment analysis to attempt to find the funniest adjective/noun combination.
- Implemented the IBM Bluemix API and web scrapers.

Extracurricular Activities

Dickinson House Council   *Amherst, MA*

PRESIDENT   *Spet. 2015 - May 2016*

- Developed and executed programs to boost social and academic interactions by connecting 300+ students in a residence hall.

Honors & Awards

2016	**Dean's List**, University of Massachusetts Amherst	*Amherst, MA*
2015	**Dean's List**, University of Massachusetts Amherst	*Amherst, MA*
2015	**IBM Bluemix Award**, IBM Corporation via HackUMass Hackathon	*Amherst, MA*
2015	**Chancellor's Award**, University of Massachusetts Amherst	*Amherst, MA*
2015	**Eagle Scout**, Boy Scouts of America	*Plainsboro, NJ*