Jacob Sachs

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EDUCATION

COLUMBIA UNIVERSITY
MS in Computer Science
Comuputer Security Track
Expected June 2018 | New York, NY

UNIVERSITY OF CHICAGO
BS in Computer Science
BA in Physics
June 2013 | Chicago, IL
GPA: 3.7 / 4.0

TEST SCORES

GRE
Quantitative: 167
Verbal: 170
ACT: 35

LINKS

Github:// **jsachs**
LinkedIn:// **jacobsachs**
Pocketsquare:// **jacobsachs**

AREAS OF STUDY

Networks & Distributed Systems
Computational Linguistics
Formal Languages
Database Systems
Quantum Mechanics
Medical Physics
Spacetime & Black Holes

SKILLS

PROGRAMMING
Production:
MEAN Stack • HTML/CSS
SQL • M
Familiar:
C • Python • Ionic
Rust • LaTeX

SOFTWARE
Infrastructure and Deployment:
Docker • AWS • Jenkins
Ansible • Terraform
Other:
Git • JIRA

INTERESTS
Cooking • Crossfit • Ultimate Frisbee

EXPERIENCE

AMIDA TECHNOLOGY SOLUTIONS | Software Developer
March 2015 – Present | Washington, DC
- I work to sustain a devops culture at Amida. This has included setting up our first Jenkins server, as well as designing the continuous testing/deployment architecture for our most recent projects. I have also Dockerized several of our applications.
- My software development work is focused on data ingestion modules. I have worked on an open-source identity management module, as well as a custom server for storing FHIR data objects. I have also worked on a series of full-stack webapp projects using the MEAN stack.
- I assist in constructing proposals and technical project plans for our software implementation efforts.

EPIC | Integration Engineer
August 2013 – March 2015 | Madison, WI
- I oversaw ongoing 3rd party integrations for a customer of nearly 20 years. I communicated with the customer daily on both minor troubleshooting and major customization projects. I also helped them through a successful major version upgrade of Epic software.
- I managed two projects for the installation of interfaces at new Epic customers. In one of these efforts, I led a team with two employees. The projects included scoping analysis, customer presentations, and managing testing timelines.
- My software development work at Epic involved communication with electronic prescribing networks. I developed enhancements for these interfaces, including a major change making electronic prescribing compatible with new Meaningful Use laws.

UNIVERSITY OF CHICAGO | Computer Science Tutor
January 2013 – June 2013 | Chicago, IL
- With the rise in popularity of computer science courses at Chicago, I served as one of the founding members of a tutoring program for students in introductory CS classes.
- I worked closely with three faculty members to develop tutoring strategies in parallel with teaching curricula. I also provided feedback on course material based on areas of struggle observed during tutoring hours.
- By the end of this introductory year, the CS tutors had consistently become one of the top two most popular sections of the core tutoring programs.

LEADERSHIP

SIGMA PHI EPSILON | VP of Member Development
November 2010 - November 2011 | Chicago, IL
- Orchestrated and oversaw all member development events for the fraternity.
- Appointed coordinator positions for all stages of the member development program, as well as retreat and scholarship chairs positions.
- Created a quarterly budget for all member development expenses.

UCHICAGO MEN'S ULTIMATE | Captain
June 2011 - June 2013 | Chicago, IL
- Facilitated team practices and workouts.
- Oversaw recruitment and team management.
- Organized tournament participation and travel throughout the season.