

# AAMIR AZHAR

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## PROFESSIONAL SUMMARY

I am a senior who is studying Computer Science, Asian & Middle Eastern Studies, and Documentary Studies at Duke University. I am a creative person at heart, and I am interested in channeling my creativity to design efficient technological systems, provide resources, education, and opportunity to everyone, and help people find meaning and agency in an unfair world.

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## EXPERIENCE

### DATA ENGINEERING INTERN

*Capital One / Richmond, VA / June 2017 - August 2017*

- Analyze the data sources and architecture of the Identity and Access Management space. Brainstorm potential improvements using machine learning that would improve security and minimize risk at Capital One.
- Research and use a machine learning algorithm to generate a rough risk evaluation of certain accesses, or entitlements.

### SOFTWARE ENGINEERING INTERN

*Google / Mountain View, CA / June 2016 - August 2016*

- Implement guided help for new updates on the YouTube comments system.
- Create an end-to-end pipeline to integrate translation options into the YouTube comments, messaging, and communication system.

### RESIDENT ASSISTANT

*Duke University HDRL / Durham, NC / August 2015 - May 2018*

- First-line respondent and point-person of the dorm for emergencies, problems, or any needs.
- Responsible for fostering community, cultivating relationships, and planning events for floors anywhere from 23-38 residents large.

### HEAD UNDERGRADUATE TEACHING ASSISTANT (CS 101)

*Duke University Computer Science Dept / Durham, NC / January 2015 - May 2016*

- Organize weekly labs and train other TAs for them.
- Run weekly lecture recap presentations and midterm/final reviews.
- Attend lecture to help students with classwork and conceptual understanding.

### TOURNAMENT ORGANIZER & WEBMASTER

*Bay Area Chess / San Jose, CA / January 2005 - August 2015*

- Organize the 2013-2014 tournament schedule for Bay Area Chess with over 100 events.
  - Lead and direct chess tournaments with attendance ranging anywhere from 80 players to 1,000.
  - Develop website and facilitate migration to Django.
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## EDUCATION

### B.S. IN COMPUTER SCIENCE, B.A. IN ASIAN & MIDDLE EASTERN STUDIES

*Duke University / Durham, NC / May 2018 / 3.7 GPA*

### FIRST-PLACE TEAM WINNER

*HackDuke: Health & Wellness Track / Durham, NC / 2015*

### VALEDICTORIAN GRADUATE

*San Jose High School / San Jose, CA / 2014 / 4.0 GPA*

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## SKILLS

EXPERIENCED IN PYTHON AND JAVA / PROFICIENT IN C/C++, JAVASCRIPT, AND LISP /

PROFICIENT IN ARABIC, SPANISH, AND MALAY / PROFICIENT IN UNITY FOR GAME DEVELOPMENT /

PROFICIENT IN ADOBE PREMIERE PRO FOR VIDEO EDITING / TYPE 120 WPM