

## FAZIL AZHAR

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### EDUCATION

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#### **University of California, Berkeley** *(August 2013 - Present)*

Undergraduate Student - Intended Computer Science and Economics

Current GPA - 3.33

#### **Santiago High School** *(August 2009 - May 2013)*

Graduating GPA - 4.59

### RELEVANT COURSEWORK AND EXPERIENCE

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#### **Computer Science 61B | University of California, Berkeley** *(January 2014 - May 2014)*

- Concurrent Enrollment
- Language: Java
- Focus on data structures and composition of large programs

#### **Computer Science 61A | University of California, Berkeley** *(August 2013 - December 2013)*

- Language: Python
- Focus on structure and interpretation of computer programs
- Overview of general programming paradigms (i.e. Object Oriented, Functional, Declarative)

#### **AP Computer Science | Santiago High School** *(August 2012 - May 2013)*

- Language: Java
- Introductory programming course emphasizing object oriented programming methodology
- Focus on problem solving and algorithm development

### PROJECTS

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#### **Network | Scheme**

- A functional implementation of the game Network done in Scheme.
- Created an ai with game tree search alpha-beta pruning
- Checking win conditions with depth-first-search on a list of lists representing a graph data structure
- Extensive use of higher order functions

#### **Rainbow Run | Intel Wearable Games Hackathon**

- Worked with a team to create motion based input for a game titled "Rainbow Run"
- Used Drumpants sensors to detect if a player was running and an accelerometer to detect if a player was switching lanes
- Presented our game at GDC 2014 at the intel booth

### AWARDS

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- Winning team at Intel Wearable Games Hackathon for Rainbow Run | March 2014

### VOLUNTEER EXPERIENCE

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#### **Math Tutoring | Santiago High School** *(August 2011 - December 2013)*

- After school tutoring for students struggling in math
- Assisted students in subjects ranging from Algebra to Calculus
- Assisted students struggling to understand concepts learned in class as well as homework problems

### RELEVANT SKILLS

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- Languages: Java, Python, Scheme, HTML, CSS, Javascript
- Web Frameworks: Ruby on Rails