**EDUCATION**

**Carnegie Mellon University (CMU)**, Pittsburgh, PA

B.S. in Computer Science

May 2016, GPA: 4.00/4.00

**Uskudar American Academy (UAA)**, Istanbul, Turkey

High School Diploma

June 2012, GPA: 4.56/5.00

**PROJECTS & EXPERIENCE**

**15-122, 15-150 Course Staff**, Teaching Assistant

Carnegie Mellon University—Summer 2013, Fall 2013

* Taught 15-122: Principles of Imperative Computation
* Teaching 15-150: Functional Programming
* Lead recitations and office hours, prepared course assignments

**Mobile Robot Competition (Mobot)**, Lead Programmer

Carnegie Mellon University—2012, 2013

* Placed 1st in line tracking competition to receive $1000
* Built and programmed a line-tracking robot with a team of 5

**Peg Solitaire AI**, 15-122: Principles of Imperative Computation

Carnegie Mellon University—Fall 2012

* Implemented an optimized AI to solve peg solitaire game
* Ranked 1st in running time among 170 other students
* Beat the fastest implementation by a factor of 2 on all boards

**Submarine**, Summer Research Program

Koç University, Istanbul, Turkey—Summer 2010

* Designed and constructed a solar-powered underwater robot
* Competed against five other research teams for time

**LEADERSHIP**

**BEST Engineering Competition**, Team Leader

Yıldız Technical University, Istanbul, Turkey—Spring 2012

* Coordinated a team of four in a regional contraption contest
* Placed 2nd by constructing an accurate catapult

**Artificial Intelligence Club**, Co-Founder and President

Uskudar American Academy—2011, 2012

* Taught programming to be used for club projects
* Organized two events where university professors gave lectures

**CONTACT**

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|  | 412-580-7442 |

**SKILLS**

**Programming:**

C/C++, Python, Standard ML, Coq, Assembly, LATEX

**Platforms:**

Mac OS, Linux, Windows, Arduino

**Languages:**

Turkish, English

**COURSEWORK**

15-381: Artificial Intelligence\*

15-251: Great Theoretical Ideas in CS  
15-150: Functional Programming

15-213: Intro to Computer Systems\*  
15-122: Imperative Computation  
18-100: Electrical and Computer Eng.

*\*Current*

**HONORS**

**CMU Dean’s List**

Fall 2012, Spring 2013

**Excellence in Mathematics**

UAA—2010, 2011, 2012

**National English Honor Society**

UAA—2012

**Canadian Mathematics Competition** UAA School Champion—2010, 2011