

# JAMAL KHAYAT

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## EDUCATION

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### University of Central Florida

2014 - Present

*Undergraduate*

Major: Physics (B.Sc.)

Cumulative GPA: 3.87

Minor: Mathematics

Major GPA: 3.98

### Universal American High School, Dubai

2010 - 2014

*IB Diploma Candidate*

Bilingual IB diploma (Arabic and English)

Cumulative GPA: 3.81

Extended Essay: *A Discourse Analysis of News Broadcast Linguistics*

## EXPERIENCE

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### UCF Research and Mentoring Program (RAMP)

November 2017 - Present

*Undergraduate Researcher*

Awarded support for theoretical physics research project and mentorship for graduate school preparation.

Research project will be presented at the *Florida Undergraduate Research Conference* and UCF's *Showcase of Undergraduate Research Excellence*.

### RoughCopy MMA (roughcopy.com)

December 2015 - July 2017

*Writer*

Wrote ten articles weekly regarding the latest news in Mixed Martial Arts (MMA).

Average daily unique website visitors increased from ~80 to ~2400.

### NSF Innovation Corps (UCF Site)

February 2016 - August 2016

*Intern*

Assisted in management of *National Science Foundation*-funded program that teaches researchers how to launch technology companies.

Gained direct experience in both the research and business aspects of commercializing patent-based technologies.

### UCF College of Health and Public Affairs

January 2015 - May 2015

*Teaching Assistant (ZOO 3733C: Human Anatomy)*

Taught anatomy models to students during laboratory sections.

## TECHNICAL SKILLS

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**Programming Languages:** C

**Software:** L<sup>A</sup>T<sub>E</sub>X, Mathematica, MS Excel

## EXTRA-CURRICULAR ACTIVITIES

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### Amateur Boxing and Mixed Martial Arts

2009 - Present

Training ~16-21 hours weekly as a full-time student.

Competed on three different continents (N. America, Asia, Africa) at the amateur level.

## VOLUNTEER PROJECTS

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### Cameroon (Independent)

July 2017

Donated sports and activities equipment for youth club (founded by my boxing coach) in Yaoundé.

Spent two weeks running fun fitness and boxing classes for the kids.

### Mongolia (via World Challenge Expeditions)

June 2013

Raised ~\$11,000 in six weeks as a team of 16 students to furnish and buy scientific equipment for a school in Binder, Khentii (province in eastern Mongolia).

Spent three weeks in Mongolia carrying out the project with the team.

### Nepal (via World Challenge Expeditions)

April 2012

Raised ~\$5,000 in six weeks as a team of 12 students to fund orphanage expansion project in Pokhara.

Spent two weeks in Nepal carrying out the project with the team.

## HONORS AND AWARDS

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### George and Geraldine McCurry Endowed Scholarship

Fall 2017

\$300 award for one undergraduate in the UCF College of Sciences.

### Burnett Honors College Research Scholar Grant

Spring 2017

\$2000 grant to fund my physics research project on the K-Calculus formulation of Einstein's Special Theory of Relativity.

### UCF President's Honor Roll Certificate (3 times)

### UCF College of Sciences Dean's List (3 times)

## SOCIETIES AND ORGANIZATIONS

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### Society of Physics Students

August 2017 - Present

## PROFILE LINKS

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### LinkedIn

[www.linkedin.com/in/jamalkhayat](http://www.linkedin.com/in/jamalkhayat)