

# Ric Evans

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## EDUCATION

### UNIVERSITY OF ARIZONA

#### BS IN COMPUTER SCIENCE

#### WITH HONORS

May 2018 | Tucson, AZ

Cumulative GPA: 3.67 / 4.00

Major GPA: 3.68 / 4.00

#### MINOR IN MATHEMATICS

Minor GPA: 3.35 / 4.00

#### MINOR IN INFORMATION SCIENCE

Minor GPA: 4.00 / 4.00

### COCONINO HIGH SCHOOL

Grad. May 2014 | Flagstaff, AZ

## COURSEWORK

### UNDERGRADUATE

Database Design

Object Oriented Programming

Parallel and Distributed Programming

Compilers

Networking

Unix and Scripting

Assembly Language (MIPS)

## SKILLS

### PROGRAMMING

#### LANGUAGES

Java • Python • C • Bash

SQL • Oracle • HTML • CSS

#### OPERATING SYSTEMS

Ubuntu • MacOS • Windows

#### TOOLS

Git • GitHub • Make • Flask

JUnit • JDBC • FXML • JavaFX

Oracle • MySQL • JSON • YAML

LaTeX

### HOBBIES

Bicycling • Racquetball

Inline Skating • Frisbee

## LEGAL

### CITIZENSHIP

United States

### FULL NAME

Eric Michael Evans

## EXPERIENCE

### NATIONAL OPTICAL ASTRONOMY OBSERVATORY

#### >> UNDERGRADUATE RESEARCHER, DEVELOPER

May 2017 – May 2018 | Tucson, AZ

- A member of the ANTARES Architecture Team.
- Helped develop the prototype software, ANTARES, for the Large Synoptic Survey Telescope (LSST)
- (ANTARES is a big data, high performance parallel processing system of distributed nodes for analysis of astronomical alerts via the LSST.)
- 30 hours per week (summer), 7 hours per week (fall, spring)

### THINK TANK

#### >> UNIVERSITY OF ARIZONA MATHEMATICS TUTOR

Jan 2016 – May 2018 | Tucson, AZ

- Tutored Algebra to Calculus II in one-on-one and group sessions
- 15 hours per week (fall, spring)

### ARIZONA FIRST ROBOTICS

#### >> VOLUNTEER: REFEREE, JUDGE, MENTOR

Sep 2011 – Jan 2017 | Arizona

- Volunteered at events in Tucson, Flagstaff, the Navajo Nation, and the Phoenix metro area
- (FIRST is an international robotics competition organization for elementary through high school students.)

## PROJECTS

### PROVENANCE ANALYSIS WITHIN ANTARES

#### >> HONORS THESIS

May 2017 – May 2018

- Undergraduate Honors Thesis at the University of Arizona
- Worked in collaboration with the Computer Science Department, the Honors College, and the National Optical Astronomy Observatory
- Advisor: Dr. Richard Snodgrass

### SPOTI-FLYT

#### >> HACK ARIZONA HACKATHON

Jan 2017

- Built web app in team to generate custom airline itineraries for concerts based on users' music interests
- Utilized Spotify, Amadeus, Facebook, and Eventful APIs

## AWARDS, HONORS, AND CERTIFICATIONS

2018

College of Science Galileo Circle Scholar, Univ. of Arizona

2016

Academic Year Distinction, Univ. of Arizona

2016, 2017

CRLA International Tutor Certification – Level I, Level II

2015-2017

Dean's List / Honorable Mention, Univ. of Arizona (5 semesters)

2015

First Level Honors, Univ. of Arizona

2014

Honors College Admission, Univ. of Arizona

2014

Wildcat Excellence Four-Year Scholarship, Univ. of Arizona

2014

Regent's High Honors Scholarship, All Arizona State Universities