

# Aria Pahlavan

Full Stack Software Engineer

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## EXPERIENCE

### Intel, Folsom, CA — *Software Engineering Intern*

MAY 2017 - JAN 2018

- Accomplish numerous user stories in a SAFe Scrum team.
- Architect framework for a test generator tool in C++ and LLVM.
- Devised algorithms to increase efficiency and reliability of APIs.
- Optimized software architectural design to meet tight deadlines.

### Luminant, Granbury, TX — *Electrical Engineering Intern*

MAY 2016 - AUG 2016

- Developed technical specification for purchase of a transformer.
- Collaborated with discipline varying engineers to gather technical requirements, increasing reliability of my proposal.

### Texas Petawatt, Austin, TX — *Software Engineering Intern*

JUNE 2015 - AUG 2015

- Automated vacuum-chamber-pump process using LabVIEW.
- Upgraded camera-compatibility of a laser-capturing software.

## EDUCATION

### University of Texas, Austin, TX — B.S. in *Computer Engineering*

AUG 2014 - MAY 2018

GPA: 3.30

### Collin College, Plano, TX — A.S. in *Software Engineering*

JAN 2012 - MAY 2014

GPA: 3.83

## PERSONAL & ACADEMIC PROJECTS

**See-Thru Display** — *a deep learning ADAS* (Python, OpenCV)

**Portfolio** — *a personal website* (HTML, CSS, JS)

**CppStream** — *library APIs similar to 'Java 8 Stream' lib* (C++)

**Augmented Audio** — *navigation with 3D audio* (Python, Unity)

**Freechat** — *a distributed systems chat-room app* (Android)

**Pastiche** — *a social-media app* (Android, SQL)

**Mastermind** — *a code-breaking game* (Java)

**Blip Compiler** — *a basic language compiler* (C++)

## SKILLS

**Experienced with** Deep Learning with Convolutional Neural Nets, Agile Methodology, Computer Vision, Functional and Object Oriented Programming, Design Patterns.

**Proficient in** Python, Java, C++, Git, OpenCV, Keras, SQL, Shell Script, Docker, and Travis CI.

**Familiar with** TensorFlow, JS, Haskell, Elixir, Apache Hadoop, MapReduce MPI, Matlab, CSS.

## AWARDS & HONORS

**Intel Employee Recognition** by Manager and Product Owner in September 2017 & January 2018.

**Academic Merit Scholarship** recipient since August 2014.

**Collin College President's List** in Jan 2014.

**Collin College Dean's List** in May 2013.

**Phi Theta Kappa** honor society since August 2012.

## LANGUAGES

Fluent in English and Persian.