Aria Pahlavan
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**.