

# Aaron Felkai

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## Education

**B.S. Computer Science**, *California State University, Northridge*, Northridge, California.  
◦ GPA: 3.619

## Skills and Abilities

Technical Skills	Software Development, Agile/Scrum, Version Control, Unit Testing, System Debug, Quality Assurance, Robotics, System Administration, System Building
Tools	.Net Core and .Net Framework, Git, ActiveMQ, OData, NuGet, PostSharp/AOP, MS Test, VSTS, Postman
Languages	C#, Java

## Experience

- May 2018 – **Software Engineering Intern**, *Intel Corp.*, Hillsboro, Oregon.  
Aug 2018
- Wrote software for managing entitlements in the corporate access management system. This included bulk inserts of 200+ new entitlements. (C#, Postman, SailPoint IdentityIQ, Angular)
  - Developed a proof of concept for consuming and utilizing SAP data of unknown size/shape to resolve legacy API data issues. (OData, JSON, XML, C#)
  - Assisted in making early architecture decisions on Enterprise program to revamp demand and revenue forecasting.
  - Added .Net Core support for existing .Net Framework software used in enterprise-wide cloud-based application logging. (.Net Core, C#, VSTS CI/CD, NuGet)
  - Wrote an enterprise framework for easily interacting with a cloud-hosted message broker and deployed it on the company's artifact repository. (ActiveMQ, C#, NuGet)
- June 2017 – **Software Engineering Intern**, *Intel Corp.*, Hillsboro, Oregon.  
Aug 2017
- Authored unit tests for testing a web-hosted inventory management system and logged issues in VSTS. (C#, MS Test)
    - Reduced deployment time by over 50% in 5 different applications while reducing the defect rate by 40%.
  - Moved and organized all of the team's documentation from multiple locations to a centralized point.
  - Created an Android app to allow for barcode scanning in an inventory management system with Xamarin.
- Sept 2015 – **IT Helpdesk Assistant**, *de Toledo High School*, West Hills, California.  
Oct 2016
- Managed helpdesk, ticketing system, and inventory.
  - Diagnosed and resolved issues with computers, projectors, and phone systems.
  - Managed, configured, and maintained hardware/software systems and network infrastructure.
- April 2015 – **Intern**, *Stir Works*, Pasadena, California.  
Sept 2015
- Designed test plans and mapped out graphical interfaces for custom operating system. (Linux, Asana, Jira, BeagleBone)
  - Identified bugs and recommended fixes to developers.
  - Designed and built hardware benchmark tests for optimizing mechanical systems.