

# hannah apuan

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## education

**University of Denver**  
2014-2017

**Bachelor of Science - Computer Science**  
+ Mathematics and German Language and Literature minors

**Signature School**  
2010-2014

**International Baccalaureate Diploma**  
+ Indiana Core 40 with Academic Honors

## experience

**SendGrid**  
Jun 2017 - Current

**Software Engineering Intern**  
Creating an end-to-end classification system to build datasets for supervised learning models and making enhancements to developing machine learning models  
★ ReactJS, Electron.io, NodeJS, GoLang, Docker, MySQL, AJAX, jQuery, CentOS

**Level3 Communications**  
Oct 2016 - Apr 2017

**Global Pricing and Marketing Intel Intern**  
Automating large-scale SQL and Oracle database migration for financial analysis and creating Tableau telecom finance reports  
★ SQL Server, OracleDB, Python, R, ODBC, Tableau, Batch Scripting

**Forsythe Security Solutions**  
Jun 2016 - Sep 2016

**Architecture Delivery Intern**  
Automating data massaging and secure, large-scale delivery of payloads from IoT devices to the Cloud  
★ Cassandra, CQL, CentOS, Apache Nifi, Nginx, Spring Cloud Dataflow, ApacheMQ

**DU Academic Support Services**  
Sep 2015 - Nov 2016

**Mathematics and Computer Science Tutor**  
Tutoring students in Algorithms and Data Structures, Calculus, and Procedural Programming at the University of Denver  
★ Algorithms and Data Structures, Discrete Mathematics, Calculus I-III, C++, Java

## volunteering

**Women in Computing**

**DU President and Co-Founder**  
Improving gender equality in tech industry and academics

**Let's Put the FEMME In STEM**

Helping young girls visit labs and engage in activities that line up with research being done at the University of Denver and within STEM fields

**Girls in STEM**

On an all-girls instructional team to promote girls into computing fields during a day camp at Keystone Science School

**Academic Mentor**

Mentoring a project for a 6th-grade student in MIT Scratch and PaintTool SAI with Denver Public Schools

## projects

**WalkSafe**

Project started at HackMIT which is a webapp that generates a heatmap of crime and calculates safest routes

★ React, Node.js, Google Maps API, and Gulp

**Personal Calendar Device**

Project started at the Intel IoT Roadshow which acts as a personal calendar

★ C++, Google Maps API, Google Calendar API

## awards

**Startup Weekend DU**

**2nd Place**

52-hour competition to create a startup company called CampusNow with a function app for iOS and Android using Ionic

**NCWIT**

**Aspirations in Computing - Indiana**  
Award based on technology and computing; leadership ability; academic history; and plans for post-secondary education