

# 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**

Sep 2017 - Present

**Associate Software Engineer**

Improvements to large-scale interface and creating any UX needs for four different teams to optimize customer growth and lifecycle

- *Ruby on Rails, MVC, MySQL, AJAX, Javascript*

**SendGrid**

Jun 2017 - Sep 2017

**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

**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 within STEM fields

**Girls in STEM**

Participating 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

## awards

**Anita Borg Institute**  
2017

Sponsored by HPE to attend GHC, the world's largest gathering of women technologists.

**Startup Weekend DU**  
2015

**2nd Place**

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

**NCWIT**  
2013

**Aspirations in Computing - Indiana**

Award based on computing; leadership ability; academic history; & plans for post-secondary education

## projects

**WalkSafe**  
HackMIT

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**

Intel IoT Hackathon

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

- *C++, Google Maps API, Google Calendar API*