

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

Anita Borg Institute **Grace Hopper Conference Scholarship**
2017
Free attendance to GHC for Women in Computing, the world's largest gathering of women technologists

Startup Weekend DU **2nd Place**
2015
52-hour competition to create a startup company called CampusNow with a functional app for iOS and Android

NCWIT **Aspirations in Computing - Indiana**
2013
Award based on computing; leadership ability; academic history; and plans for post-secondary education

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Dear Sir or Madam,

I believe I am a fit for Kaiser Permanente because I am extremely passionate and self-motivated. I started coding at the age of 8 and starting teaching myself Java and Python in high school. Once I got to college, I was able to exponentially increase my knowledge in coding and Computer Science. I have years of experience in Java, AWS, and SQL at great tech companies like SendGrid, Forsythe, and Level3. I am a hard-worker; I worked my entire way through college and managed to graduate a year early. I strive to raise the bar and never stop learning.

I am proficient in many languages and computer science concepts with professional experience. With Java, I have strong academic experience. At my current position at SendGrid that ends in September, I worked daily with Javascript and Go. In Go, I worked with machine learning systems that were in-development and in-production. I also interacted with Ruby. At my job at SendGrid, I designed and developed an end-to-end MVC system in with Javascript, Node.js, and Electron.io. The interface will be used to build large-scale datasets quickly for training in-production machine learning, which requires datasets in the hundred-thousands to the millions.

I also worked with Python, R, and batch scripting professionally less than a year ago at Level3. At Forsythe, I created a system to deliver securely from an IoT device four payloads which then performed data massaging and then was sent to a Cassandra instance using Apache Nifi. This dataflow had a high throughput of about 8 million requests per second and was expected to run 24 hours a day 7 days a week.

I am seeking a new opportunity because my 90-day software engineering internship with SendGrid is ending at the end of September. Since I have graduated, I am looking for a full-time position at a company to start building my career path. I would love for it to be with Kaiser Permanente.

Sincerely,

A handwritten signature in black ink that reads "Hannah Apuan". The signature is fluid and cursive, with the first name "Hannah" being more prominent and the last name "Apuan" following in a similar style.

Hannah Apuan