

ALVIN CHAU

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EDUCATION

Rutgers University, New Brunswick, NJ

Expected Graduation January 2018

B.S. in Computer Science, Minor in Physics and Math

WORK EXPERIENCE

Casino Careers LLC., Northfield, NJ

Aug 2014 - Aug 2015

Web Programming Intern

- Developed an automatic resume generator using the Google Plus API which extracts information from Google Plus users, allows a selection of resume templates to be chosen from, and reduced incomplete resumes in the database by 45% which was done by monitoring who used the application.
- Created a statistical tool using PHP and SQL for coworkers to display the percentages of incomplete resumes, sign ups, and job alerts based on the state, city, and country.

Atlantic Cape Community College, Mays Landing, NJ

Jan 2013 - Aug 2013

Java Programming Tutor

- Responded to questions on a class forum and held private tutoring when requested for a class of thirteen students.

SKILLS

Languages: Java, C, PHP, SQL, Javascript, HTML, CSS

Tools/Libraries: Eclipse, Bootstrap, JQuery, Git, Firebase

RELEVANT COURSEWORK

Data Structures

Linear Algebra

Design & Analysis of Algorithms

Computer Architecture

Principles of Database and Design

Math Theory Probability

PROJECTS

Little Search Engine

- Developed a small search engine using hash tables for text documents in Java that searched for the top five documents based on the frequency of a word that a user specified to find.

CalendarShare

- Built a web application with Java as the backend, and ReactJS as the front-end; users can register/login, edit their calendars, and share their calendars with others. User-data is maintained using a relational database hosted by AWS.

RU Targum Email System

- Created a newsletter unsubscribe web application for Rutgers students which constructed emails for them based off of user information. Made using NodeJS, Firebase database, AngularJS and Amazon Web Services.

New York Crime Analytics

- Constructed and launched a website that analyzes and displays over 2000 data sets related to crimes in New York using NodeJS, Express, SQL, Highcharts API and Amazon Web Services.