

Amelia Chaltin

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Education

Illinois Institute of Technology

B.S. Computer Science, 2019

GPA: 3.54

Relevant Courses: Object Oriented Programming, Computer Organization & Assembly Language, Systems Programming, Database Organization, Data Mining, Technical Communication

Experience

Associate Software Engineer | Ocident

MAY 2018 - AUGUST 2018

- › Contributed roughly 10,000 lines of C++ source code for a large scale database
- › Wrote test programs for both the front and back end of the Ocident Database
- › Developed a virtual system using TCP calls for test purposes

Teacher's Assistant | Illinois Institute of Technology

JANUARY 2016 - PRESENT

- › Constructed review based lectures on Object Oriented Programming in order to ensure understanding and success
- › Led lab for seven sections of 30-40 students each in CS100 (Intro to the Profession), CS115 (OOP I), and CS116 (OOP II)
- › Graded homework and administered constructive feedback
- › Promoted peers programming techniques

Web Development | J at School

JULY 2017 - SEPTEMBER 2017

- › Designed and implemented an interactive online training platform using a combination of videos, interactive diagrams, matching and sequencing games, and quizzes to communicate information to new employees
- › Organized information in a content management system

Social Media Automation | Robot Cleaner Store

JULY 2017 - SEPTEMBER 2017

- › Launched a social media marketing campaign by automating posts, emails, and coupons with HTML, CSS, & JS
- › Researched and promoted industry trends like automation, robotics, and IOT to prospective customers
- › Increased main site traffic by 12%, increased social media followers by 400%

Skills

- › *Programming Languages:* Java, C++, C, Python, HTML/CSS/Javascript, SQL, Google Protobuf
- › *Unit Testing:* Google Test (C/C++), JUnit (Java)
- › *Frameworks:* Bootstrap, Wordpress, REST
- › *Technologies:* Windows, MacOS, Linux, Git, MariaDB
- › *Software:* Microsoft Office, Google Apps, LaTeX

Projects

School Projects

- › Shell, Cache, and DMA Simulators (Command Line)
- › Inventory & Parking Payment Apps (Back end)

Personal Projects

- › Web Portfolio for Love to Dance Collective
- › Google Calendar Scheduler Web App (using Google API)

Activities

Leadership

- › *Kappa Phi Delta Sorority:* President, 2018; Secretary, 2017; Public Relations, Fall 2016; Ceremonies Fall 2017
- › *Love to Dance (LTD) Collective:* President, 2017-2018; Vice President, 2016-2017; Public Relations 2018-2019
- › SOAR Orientation Leader, 2017-2018

Hackathons

- › Google Games IIT 2017, 1st Place

Student Organizations

- › Upsilon Pi Epsilon
- › Order of Omega
- › Alternative Spring Break
- › Prism (LGBTQ+ Group)