Vance Winstead

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Education

California Polytechnic State University, San Luis Obispo   Expected Graduation: Spring 2022
Bachelor of Science in **Software Engineering**   Second Year
GPA: **4.0**
Dual Enrollment Courses Taken at Palomar College and MiraCosta College

Relevant Coursework*:*

+ Systems Programming (C)	+ Database Systems (MySQL)	+ Discrete Structures
+ Data Structures (Python)	+ Computer Organization	+ Linear Algebra
+ Intro to CS I & II (Java)	(LC-3 Assembly)	+ Statistical Methods

Computer Skills

Languages: Python, C, Java, MySQL, HTML, CSS, C#

Software: GitHub, Unix Shell, Vim, Chrome Dev Tools, Gimp, Unity

Projects

Online Resume | **HTML, CSS, Chrome Dev Tools, GitHub, Gimp**   August 2020
+ Learned HTML and CSS to make a digital version of my resume
+ Utilized floats, flexbox, classes, and media queries
+ Viewable at vwinstea.github.io/WebResume

C Shell | **C, Vim, Unix Shell**| Cal Poly SLO   May 2020
+ Built a C program that functions similar to the Unix shell
+ Implemented subprocesses and IPC to launch programs and pipe output together

Syllabus to Calendar | **Python, GitHub**| SLO Hacks   March 2020
+ Developed backend for website that extracts dates from a PDF with team of four at a hackathon
+ Utilized regex to parse text and json to communicate data with frontend

Match 3 Game | **Java, Swing** | MiraCosta College   December 2018
+ Designed a game exclusively in Java that utilizes a Swing GUI, custom exceptions, recursion, enumerations, and OOP

Phantasmic Mind | **C#, Unity, GitHub** | San Marcos High School   Fall 2017
+ Contributed to the development of a 2D role playing game in a team of 20 students with Video Game Design Club
+ Acted as primary software developer for fall semester prototype

Campus Involvement

Cal Poly User Exeperience Club | **Member** | Cal Poly SLO   Fall 2019 - Present
+ Developed a mockup for dated school app in a 15-student team
+ Learn card sorting, user flows, wireframes and other UX principles

Mustang Band | **Librarian, Tenor Sax** | Cal Poly SLO   Fall 2019 - Present
+ Enriched community by performing at over ten sporting events, parades, and concerts

Tutoring | **Tutor** | San Marcos High School   August 2018 - June 2019
+ Assisted six students and saw grade improvements in each one
+ Taught computer science, algebra II, and saxophone performance