

Jacob Day

jday@scu.edu | (503) 544-5165 | 850 Bellomy St Apt 7, Santa Clara, CA 95050
www.github.com/YouGotJaked | www.linkedin.com/in/jaked97/ | students.engr.scu.edu/~jday/

EDUCATION

SANTA CLARA UNIVERSITY | COMPUTER SCIENCE AND ENGINEERING

June 2019

RELEVANT COURSEWORK:

GPA: 3.17

Artificial Intelligence	Computer Architecture	Computer Networks	Data Structures
Information Storage Technology	Object Oriented Programming	Operating Systems	Principles of Programming Languages
Software Engineering	Theory of Algorithms	VR Bootcamp I-III	3D Modeling and Animation

PROJECTS

WITHIN | 1ST PLACE IN 2018 IMAGINE THAT! COMPETITION

May 2018

- VR experience designed to put users inside the head of Alex, a teen diagnosed with social anxiety disorder
- Written using Blueprint/**C++** in Unreal Engine 4
- Used Git as version control system to track changes and Scrum framework to plan and organize team work

AUTOMATED TICKET SYSTEM

August 2018

- macOS application which logs into online ticketing system using **AppleScript** and **JavaScript**
- Downloads file from Google Drive using **Python** and Drive REST API
- Parses file and inputs into ticketing system, then updates file in realtime using Sheets API v4

GPU ALERT BOT

April 2018

- **Python** script which searches for new posts on Reddit with a specified keyword and subreddit
- Matching posts are logged in a text file, and links are automatically emailed to user's email address
- Emails are sent through Gmail with SMTP and secured via SSL

EXPERIENCE

UNDERGRADUATE RESEARCH | SANTA CLARA UNIVERSITY

September 2018 – Present

- Explore potential of using VR mobile applications to provide accessible parental empathy training
- Research and test alternative solutions to allow for collaborative training

IT FIELD SUPPORT TECHNICIAN | SANTA CLARA UNIVERSITY

September 2017 – Present

- Resolve computer software and hardware issues for students, faculty, and staff
- Create batch files and shell scripts to automate tasks and increase department efficiency

FREELANCE GRAPHIC DESIGN | YOUGOTJAKED

June 2010 – Present

- Self-started business selling digital prints online, earning over \$12,500 in sales since 2014
- Write and execute scripts in **Python** and **JavaScript** to design and animate programmatically

SKILLS

PROFICIENT IN:	C, C++, Java, Python
PRIOR EXPERIENCE IN:	JavaScript, HTML, CSS
FRAMEWORKS/LIBRARIES/TOOLS:	Git, Bootstrap, Unreal Engine 4, Xcode, Android Studio
APPLICATIONS:	Adobe Creative Suite, Maxon Cinema 4D, Autodesk Maya

LEADERSHIP

STEM TEACHER	After school STEM teacher at low-income school district, Kennedy Elementary School
ORIENTATION LEADER	Leader for New Student Orientation Program at Santa Clara University
CLASS SENATOR	Elected Sophomore Class Senator for Associated Student Government at SCU