Joely Fontana

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EDUCATION

Chapman university, *Dale and Sarah Ann Fowler School of Engineering* Orange, CA

Bachelor of Science in Computer Science, History Minor *May 2022*

* GPA: 3.6
* Scholarship 2018 - 2022
* Relevant Coursework: Data Structures and Algorithms, Programming Languages, Cybersecurity, Compiler Construction, Operating Systems, Data Communications, Visual Programming, Unity Multiplayer and Networking, 3D Printing and Design (Basic and Advanced)

SKILLS & INTERESTS

**Languages & Tools:** PowerShell, C#, C++. Python, Java, SQL, HTTP, HTML, CSS, JavaScript, MongoDB, LaTeX

**Software:** Visual Studio, Fusion360, Docker, IntelliJ, Git, Unity, VMware Workstation, MySQL, Linux, Windows, Azure, Adobe Suite, Wireshark, Nmap

EXPERIENCE

**CHapman University** **Orange, CA**

***Information Security Intern*** *January 2020 – Present*

* Recognized compromised accounts and took appropriate action to prevent security breaches
* Wrote scripts to automate the handling of compromised users
* Worked as a team to establish a secure environment for thousands of users

**Chapman University** **Orange, CA**

***Project Build and Part Coordinator*** *January 2020 – December 2021*

* Studied, organized, and delegated the 3D printing of parts for InMoov robot
* Met with team members to discuss part quality and production
* Assisted team members in meeting deadlines

**Chapman University** **Orange, CA**

***Student Research Assistant***  *December2018 – January 2019*

* While under strict NDA, collected, organized, and managed data describing a course’s effectiveness
* Utilized industry standard technology to maximize data throughput
* Condensed large amounts of data using Excel for easy understanding and future use

CERTIFICATIONS

***CompTIA CySA+*** *In Progress*

ADDITIONAL PROJECTS AND RESEARCH

**COMBATING OCEAN ACIDIFICATION via Photosynthetic Aquatic Plants Orange, CA**

***Key Researcher*** *August 2019 – May 2020*

* Researched different plants’ abilities to increase the pH of its environment through carbon fixation and photosynthesis
* Ran multiple 24-hour experiments, recording data every hour
* Presented findings as a team in research seminar
* [Research findings can be found on Chapman.edu](https://blogs.chapman.edu/gci/2020/05/11/combating-ocean-acidification-via-chemical-manipulation-and-photosynthetic-aquatic-plants/)

**Portfolio** **Orange, CA**

[*Link to Portfolio on GitHub*](https://github.com/joelyfontana/Portfolio)

* Contains 3D models and projects modeled using Fusion 360
* FortressTD, a top-down tower defense game
* Music Caesar, an interactive mobile or desktop app designed for group use to add songs to a queue and allow users to vote on the songs in the queue
* Through client recommendations, earned TRW Star Award in August 1997 and July 1998 and TRW Excellence Award in December 1998 for continually exceeding customer expectations.