

# SAMUEL NUNOO



samuelnunoo.dev



github.com/samuelnunoo



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## EDUCATION

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### Pomona College

(August 2018 - May 2022)

Bachelor of Arts, **Computer Science**

**Relevant Courses:** Interaction Design, Software Engineering, Algorithms, Data Structures, Discrete Math and Functional Programming, Computer Systems, Operating Systems

**Programming and Markup Languages:** Typescript, Javascript, HTML/CSS, Python, Lua, Ruby, C#

## SELECT PROJECTS

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### Online Document Editor (Funded by Pomona RAISE Grant)

<https://www.samuelnunoo.dev/typeio>

(May 2020 - Present)

- Received \$6000 in funding and single-handedly built a 20,000+ lines of code full-stack online document editor with numerous features including prototypical blocks, tables, full-text search, and nestable and expandable blocks among other features
- Wrote design docs specifying system architecture with rationale for library and database choices, implemented hundreds of unit tests using Jest and multiple integration tests using Cypress, and maintained detailed documentation on components and their responsibilities
- Utilized\*: Typescript, NuxtJS, CSS, VueJS, Jest, Cypress, Dexie, MongoDB, and Git \*(Select Technologies)

### Open-Source Bannerlord Modding Project

<https://linktr.ee/samuelnunoo>

(April 2020 - Nov 2020)

- Pioneered the first tutorials that helped hundreds (2.2k+ views) learn to mod various aspects of the game
- Created an in-game editor for Bannerlord that allows users to spawn and place hundreds of custom prefabs
- Identified critical classes and methods for an undocumented 500k+ LOC C# code base with Rider Debugger
- Utilized: C#, Rider Debugger, Git, and Coda.io/GoogleDrive for Documentation Hosting

### Claremont Journal of Medicine and Social Justice Website

<https://www.samuelnunoo.dev/cjmsj>

(Sept 2019 - March 2020)

- Developed a website for an on-campus group with 15+ members complete with a custom blog creation form, user authorization, and submission review to allow them to publish articles related to medicine and social justice
- Utilized: Python, Django, HTML/CSS, IONOS for DNS, Cloudflare for SSL Certificate, and Git

## WORK EXPERIENCE

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### Associated Students of Pomona College

Web Developer - Part Time

(March 2020 - Present)

- Transitioned the team's dev environment from Vagrant to Docker which decreased dev startup time by 90%
- Led the development of a self-hosted internal wiki using Nginx and GetOutline and wrote critical documentation related to Ruby on Rails that significantly improved onboarding of new members
- Served 5000+ students of the Claremont Colleges with election polls, course reviews, and news updates
- Utilized: Ruby, Ruby on Rails, Docker, Nginx, PostgreSQL, GetOutline, and Git

### Pomona College

Information Security Analyst - Part Time

(September 2019 - Present)

- Spearheaded the development of a data visualization tool using Microsoft Graph API, Typescript, NuxtJS, and LeafletJS that displays log data on a geographical map with chronological directed nodes to improve threat detection rates
- Analyzed 400+ security logs, determined their threat levels, and mitigated malicious IPs from compromising student accounts
- Utilized: Typescript, NuxtJS, VueJS, LeafletJS, Microsoft Authentication Library, and Git