

Spencer Nusbaum

Software Developer

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Portfolio: <https://MiniDevOps.com>

Email: CppObjectOrientedProgrammer@gmail.com

YouTube: <https://www.youtube.com/c/CppObjectOrientedProgrammer>

Business: <https://www.UnitedSpaceTravel.com>

Skills

Primary Languages: C++, PHP, JavaScript, HTML/CSS, jQuery, C, Python, Java

Tools: Qt for C++, Git, Jenkins, Atlassian Jira, Atlassian Bitbucket, Atlassian Confluence, CI / CD, Visual Studio, Android Studio, Netbeans, phpmyadmin, Eclipse, Jenkins, Yocto Project

Other skills: Object-Oriented Design, design patterns, bash scripting, solo-player game hacking, foundational ethical hacking knowledge, MySQL database experience, Windows OS, Mac OS, Ubuntu OS, networking (hardware and software), firewall experience, electrical engineering experience, business experience

Experience

United Space Travel / Co-Founder & Lead Software Developer

OCTOBER 2020 - PRESENT (1+ month), BEAVERTON OREGON

Built and launched a dropshipping Shopify-based business with my brother, a Graphic Designer. Many products have our own designs and logos on them. We aim to provide unique space-related products from around the world on our site. Custom software has been developed to speed up our time and accuracy interacting with Shopify and social media platform APIs. The store is live here:
<https://www.UnitedSpaceTravel.com>

Graphic Products / Software Developer I

AUGUST 2018 - PRESENT (2+ years), BEAVERTON OREGON

Worked on a variety of software development and DevOps projects and tasks. I made a tool that connected several Atlassian software management products together along with Jenkins that allowed automated issue ticket updating, automatically designed pipelines in Jenkins, builds being spawned automatically, and a nice remote backend for configuration and logs. I also worked on the OS and software for industrial safety label printers, ranging from working on cross-compile toolchains, to improving the update process and flow for our software releases. I also set up a flexible analytics collection system to provide greater insights on potential issues and uses of the software I help maintain. I extensively use Git version control, C++, Qt Creator with the C++ Qt framework, Jenkins, Atlassian tools, and working with both Linux and Microsoft-based OSes.

Something Clever Creative Production / Lead Software Developer

OCTOBER 2016 - PRESENT (4+ years), BEAVERTON OREGON

Consulted for Something Clever Creative Production for many years, creating a variety of applications. Projects ranged from a very configurable automated photography rendering software package, to a kiosk image and video, thumbnail displayer and media previewer, which allowed sending that media to personal emails, posting it to facebook, posting it to twitter, and posting it on instagram, with an option to load attendee's information via a badge ID Qr code scan, by an attached camera to the kiosk, for quick sharing. Another project was for Microsoft Xbox Game Pass through this company, making a game suggestion quiz kiosk application. My latest project has been an online baseball card creator website.

General Freelance Consulting Software Development

October 2016 -PRESENT (4+ years), BEAVERTON OREGON

Created a wide range of applications ranging from a DNS IP tracking and firewall updating software written in C++, to an android social media application. I've made very professional looking websites such as <http://AaronArtist.com>. I've also done many interesting projects for Something Clever Creative Production (see section above on my work with them).

Shoe The Goose, LLC / Web Developer Internship

JUNE 2013 - SEPTEMBER 2013 (3 months), VANCOUVER WASHINGTON

Re-designed the main website to incorporate cosmetic and functional changes desired by the owner.

SEH America / Information Technology Internship

JUNE 2012 - SEPTEMBER 2012 (3 months), VANCOUVER WASHINGTON

Worked in the Information Technology department of SEH America, a company that makes silicon wafers. I helped maintain and keep the systems operational, performed software updates, handled small repairs, learned the ins and outs of a computer, and did some virus removal too.

Education

Washington State University / Social Sciences Degree, Digital Technology and Culture minor

JANUARY 2014 - MAY 2018, WASHINGTON STATE UNIVERSITY, VANCOUVER WASHINGTON

Graduated with a Social Sciences degree with an emphasis in Psychology, and a minor in Digital Technology and Culture.

Union High School / General High School Degree

SEPTEMBER 2009 - JUNE 2013, UNION HIGH SCHOOL, CAMAS WASHINGTON

Awards

2015 - HACKSTER.IO HARDWARE WEEKEND HACKATHON HONORABLE MENTION

Received honorable mention for designing a mechanized automated tea

brewer, with a website, in 24 hours.

2013 - 1st Place at Washington State University's Imagine Tomorrow Competition

Received 1st place in the Technology category. Received a \$10,000 award for Union High School Engineering Club. Designed all electronics, software, and hardware for a wireless intelligent home energy management and automation system. The project reduced overall home energy consumption by an estimated 40%. I was the project lead.

2012 - 4st Place at Washington State University's Imagine Tomorrow Competition

Received 4th place in the Technology category. Received \$2,000 award for Union High School Engineering Club. Designed and developed a functioning prototype of a wired, intelligent home energy management and automation system. Controls were accessible within the local area network via a URL.