

# William Chrapcynski

## Software Engineer

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A creative software engineer and maker who can construct the necessary tools that will take your projects to another realm. My background in various technologies gives me the kind of perspective that can visualize the big picture and the ability to make the magic happen. I'm seeking a position that will keep my creative fires burning.

### SKILLS

- HTML5, CSS, JS
- Node JS, React JS
- Wordpress
- C++, Python
- REST/JSON API
- Agile, Kanban
- Git
- Adobe Creative Cloud
- Mongo, Postgres
- Django, Express
- Troubleshooting
- IoT

### EXPERIENCE

#### **GENERAL ASSEMBLY, SOFTWARE ENGINEERING IMMERSIVE STUDENT**

Washington, DC, September 2019 - December 2019

Applied developer skills in MVC framework to a group and individual projects in a 500-hour course.

- **Amiibo Products** - A full-stack project (MERN) which included an API on the back end using Mongo, Mongoose, and Express. The front end consisted of React with Bootstrap.
- **Storybook Component Library** - A large set of reusable components in React JS and Storybook created from a mockup in Adobe XD.
- **CoTripper** - Large group project (Agile) creating React components from a mockup design to be used for a new community website based on a family travel booking platform for single mothers.
- **Mouse Fan Trivia** - A multiple-choice Disney trivia game built using HTML, CSS, and Javascript.

#### **PURESHIFT PRODUCTIONS, Audio Engineer and Producer, Rockville, MD**

January 2005 - present

- Collaborated with clients across various industries to deliver quality content on projects including explainer videos, games, music, websites, and other areas of the entertainment industry.
- Published a comic series using 3D modeling as well as videos in sound design and prototyping.
- Developed hardware prototypes using micro-controllers, single board computers, 3D printing, laser cutting, and other fabrication techniques.

#### **BAE, Helpdesk Technician, Fairfax, VA**

April 2004 - September 2005

- Fielded approximately 40 calls a day for government offices using Windows, Microsoft Office, and VPN. This included rotating shifts to support users on a 24/7 basis.

#### **Hughes, Desktop Technician, Germantown, MD**

August 2000 - April 2004

- Supported a large office containing hundreds of users, including top-level management, with Windows, Microsoft Office, Lotus Notes, proprietary software, and other administrative duties.
- Administered a set of critical test fixtures in a production line that was integral to the operation. Streamlined the process of replacing these machines quickly that greatly reduced downtime.

### EDUCATION

**Course Work, Montgomery County CC, Rockville, MD, May 2019 - July 2019 (C++)**

**Audio Production Coursework, Northern Virginia CC, Virginia, September 2005 - September 2006**