Christopher Barnes

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TECHNICAL SKILLS & HIGHLIGHTS

Honors & Awards: Phi Theta Kapathon (International Honor Society of two-year colleges)
Soft Skills: Communication, Public Speaking, Design - Inventory Management, Customer Service, Finance Management
Database & Hosting: Postgres, MongoDB, Git, Github, Heroku, Digital Ocean, AWS, Google Colab, Jupyter Notebook
Languages & Frameworks: Java, JavaScript, Python, NodeJs, ReactJs, Flask, Django, Go, C#, C++, Firebase, Docker
Summary & Experience Level:

9+ Years of experience in analytical, technical, and communication skills developed through courses including Data Analysis, Software Product Development, Effective Communication & Technical Writing, among hobby interests in robotics automation & interactions between computers & humans (2010 - Present).

INDUSTRY COLLABORATION EXPERIENCE

Minerva Facilities (React Progressive Web Application) - Product Manager & Backend Dev *San Francisco, CA*
by New Harmony Café & Make School *Aug 2020 - Dec 2020*

- Scrum master and sprint planner for deliverable driven project.
- Managed team of 4 developers and designers creating a mobile accessible application for employees & maintenance workers to report, track, and archive maintenance issues. Built off React components connected to a Firebase Backend. https://minervafacilities.com/ & Github.com/TalkativeTree/MinervaFacilities

BACKEND DEV PROJECTS

MakeUtility (Go) - Solo Project Backend Dev *Jan 2021 – Mar 2021*

- Preserving the Make School Chess Club by creating a Golang package for Lichess.org, accompanied by a static sight generator to provide advertisement flyers. https://github.com/chrisbarnes2000/makeutility

myCity (Docker, Flask, SQlite3) - Product Manager & Backend Dev *May 2020 – Jul 2020*

- Managed team of 3 developers and designers creating website for local SF community
- Scrum master and sprint planner for deliverable driven project. Developed a flask platform as a central place to seek out additional support resources nearby as well as gain educational knowledge to keep users informed of their legal rights & local laws. https://my-city.club & Github.com/ChrisBarnes2000/myCity

37 Boroughs (Docker, Django, Postgres, API) - Backend Dev *Jan 2020 – Mar 2020*

- Created a local API connected to a Postgres database & Django website to provide the SF community with a platform to share📷location gems💎of their favorite getaway destinations and tips to avoid common tourist traps. https://boroughs37.herokuapp.com/ & Github.com/alannanoguchi/37_Boroughs

DATA SCIENCE PROJCECTS

Analysis of 2018 First Robotics Competition (scipy, np, pd, sns, plt, sklearn) *Jun - July 2020*

- Utilizing different methodology like classification, clustering, and model predictions to clean & investigate the chosen dataset for new findings. @Christopher-MakeSchool/DS_2.1-Final

Ninja Warrior Dataset Exploration (Pandas, Numpy, Matplotlib, Seaborn) *Apr – May 2020*

- Develop the data science skills: collection, wrangling, scrubbing, analysis, and visualization to tell persuasive stories with data-driven insights. @Christopher-MakeSchool/DS_1.1

EDUCATION | VOLUNTEER EXPERIENCE

Make School, San Francisco, CA: Bachelor of Science Applied Computer Science, minors: BEW & DS | August 2021
Pierce College, Puyallup, WA: Associate of Science-Track 2 Degree, minor: Computer Science | June 2019

Bethel School District Tech Fair *{VOLUNTEER} Booth Assistant* *March 2017*

- Encouraged STEM Fields to Egar Enthusiasts, Displayed & Provided samples from our 3D Printer & CNC Laserjet Printer/Engraver. Built and demoed robots for Graham Kapowsin High School's First Robotics Competition (FRC) Team 2927 Pi Rho Techs: First Strong Hold(2016), First Power Up(2018), Destination: Deep Space(2019).