Quinn Jarvis-Holland

quinnjarvisholland@gmail.com | quinnjh.net | She/Hers

EXPERIENCE

PC PARAMEDIX | Junior Technician
2007-2012 | 6834 NE. Glisan St, Portland OR
- Client intake, live troubleshooting and appraisal
- Recovery, remediation, and hardware replacement
- Offsite maintenance calls, network installation, cat5 splicing

OLIGOPOLIST RECORDS | Founder
2015-2019 | 111 SE MADISON, Portland OR
- Built online community and audience for music and art
- Managed website, social media, A+R and live events
- Curated artistic catalogue at oligopolistrecords.bandcamp.com

FREELANCE | Audio and Elec. Engineer
2017-2020 | Portland OR
- Commercial audio mixing and mastering for multiple formats
- Audio restoration, tape recording and archival
- Assembling, testing, and reworking PCB's with THT and SMT parts
- Testing prototypes and Repairing PCB's for FolkTek Modular

PCC ADAPTIVE INSTRUMENTS PROJECT | Engineer
2019 - Feb 2020 | Portland OR
- Rapid prototyping accessible interfaces for musicians with disabilities
- Led test meetings and agile PM efforts, wrote documentation
- Authored *'Expanding Access to Music Technology'* - published and presented at The International Conference on New Interfaces for Musical Expression 2020 at the Royal Birmingham Conservatoire, UK

PDXOPEN.TECH | Creative Technologist
2020 - Jun 2021 | Portland OR (remote)
- Added to knowledgebase of socio-culturally relevant STEAM content
- Assisted non-technical educators in creating accessible course-ware
- Authored content on afrofuturism, border making and X-ing, universal design, diversity, security, and emerging technologies
- Developed a browser-based 3d interactive environment to display multimedia content in an engaging and immersive fashion
- Deployed Mozilla Hubs 3D on AWS autoscaling EC2 with IAM perms

CYBERIAN LLC | Founder - Consultant
2020 - Dec 2021 | 111 SE MADISON, Portland OR
- Graphic Facilitation for zoom meetings, Agile Evangelist, PM
- Dev secure webpages with Google cloud, AWS, and Github
- Monitoring and pentesting local and simulated infra, threat modeling
- Remote sysadmin of linux systems hosted with OPENCLOUD
- Dev and test full stack containerized node apps for OSINT and RPA

INTERNSHIPS

ADAM REID (ETHOS MUSIC, ORIGINS COFFEE) | Intern
2012 | Portland OR
- Researched businesses for sale, built CSV database in google suite
- Read financial docs to gain a picture of operating expenses and CoG
- Met with owners and realtors to asses qualitative and financial value

BODY IMAGE LTD | Immersive Art Installation
2019 | Portland Institute of Contemporary Art
- Helped lead an agile team exploring topics of surveillance, big data, clouds, cults, and the relationship between humans and tech
- Built a "magic carpet" with embedded sensors and AR reactive visuals

EDUCATION

HIGH SCHOOL
2012 | Leadership+Entrepreneurship Public Charter

ASSOC. OF GENERAL STUDIES
2019 | Portland Community College
Analog recording, audio programming
Critical theory, ethics, and equity

CERTIFICATES
Creative Coding and Immersive Tech.
UX and hardware/firmware/software design
Node-flow programming and 3D design
JKO Level I AT
JS-US007 Level I CT Awareness Training

SELF STUDY
Topology, Graphs, Networks, Games, AI
VR-AR-XR, World-building, Mimetics
DSP, Complexity, Chaos, Quantum Theory
APIs, Zero-trust, Secure SDLC, Blockchain
Trading bots, Data-Vis and Sonification

CURRENTLY AUDITING
Interface Design, AI+ML in art

SKILLS

PROGRAMMING
3+ years:
•Java•node•C/C++ •HTML•Max/msp
1+ years:
•python •Ruby •SVG •D3.js•PD
0+ years:
•React •Pandas •Go

TECHNOLOGY
- Git/Github • Linux • Docker • VMware
- Arduino • Raspi • Blender • Unity 3D
- Oculus Rift • ESP Wifi Boards • SDR

ARTS
- Graphic Facilitation • Leadership
- Speaking • UX UI • Cultural Translation
- Painting • Typography • Sound Design

GROUPS

New Interfaces for Musical Expression
PDX WhateverSpace / S1 Synth Library
Holarchy.club

IEEE SOCIETIES

•Computing •Communications
•Reliability •Control Systems
•Computational Intelligence
•Information Theory
•Robotics + Automation
•Societal Implications of Tech.
•Task Force on Rebooting Computing