

# Quinn Jarvis-Holland

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## 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
- Assembling and reworking PCB's with THT and SMT parts
- Testing, Troubleshooting, 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 in the proceedings of the international conference New Interfaces for Musical Expression 2020 in Birmingham UK

### PDXOPEN.TECH | CREATIVE TECHNOLOGIST

2020 | 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, accessible design, diversity, security, and emerging technologies
- Developed a browser-based 3d interactive environment to display multimedia content in an engaging and immersive fashion
- Administered an auto scaling EC2 of Mozilla Hubs 3D on Amazon Web Services with role based IAM permissions

### CYBERIAN LLC | FOUNDER - CONSULTANT

2020-2021 | 111 SE MADISON, Portland OR

- Graphic Facilitation for zoom meetings, Agile PM
- Developed secure webpages with Google cloud, AWS, and Github
- Experimented with pentest tools on test net, containerized node apps
- Remote administration of linux systems hosted with OPENCLOUD

## 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 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, Game Theory

Interactive Storytelling, World-building

AI, Cybernetics, Neuro-tech, VR-AR-XR

Complexity, Operations, Quantum Theory

Cloud admin, Zero Trust, DevSecOps

Blockchain and Web3, FTX API

Data-Visualization and Sonification

### CURRENT STUDIES

Interface Design, AI+ML in art

## SKILLS

### PROGRAMMING

3+ years:

•Java•node•C/C++ •HTML•Max/msp

1+ years:

•python•Ruby•SVG•PD

0+ years:

•React•Pandas•Go

### TECHNOLOGY

•Git/Github•Linux•Docker•VMware

•Windows•RasPi•Unity 3D

### 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