

BLAIR MUNRO

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HI! I'M BLAIR:

My life-quest is to promote peace as a continuous evolutionary computational process. What sets me apart and establishes my brand's professional value is that I own and operate a world piece computer, a socio-technological construct responsible for maintaining an explicit peace process within my world space. If our respective world pieces seem to align, then I suggest we merge our individual peace processes to negotiate a work partnership to maximize value in outcome and experience for all parties involved—be this by employment, by contract, or by some other arrangement.

PURPOSE:

My purpose is to invent the *general piece computer*. In doing so I work to produce *world piece computers*, working with their respective operators to network a computational global peace system called *the universal piece computer*.

MISSION:

My mission is to qualify and position myself for the role of principle piece integrator in the universal piece computer erection effort, planting and prototyping world piece computer seeds as I proceed. This is to establish the early backbone for the computational global peace system. My current professional attention lies in safety, cyber/cyber-physical security, systems engineering, theoretical physics, crypto economics, decentralized ledgers, quantum compute technology, generative AI, and peace/conflict studies.

WHY I AM HERE:

I recently got what I need from the crypto side of web3 per my mission. That is, I know how to launch a production-grade utility token from a technical, architectural, business, and legal standpoint. My attention and knowledge acquisition efforts now settle on hybrid blockchain/DAG decentralized ledgers, smart contract cellular automata, quantum computing, quantum algorithm engineering, RAG AI, and piece computer prototyping/consulting.

I am applying for this position because the role suits my interests, and when my interests are suited I provide the caliber of attitude, ethic, and competence that people want to have on their team.

SIGNIFICANT EDUCATION, WORK, & PERSONAL EXPERIENCE:

INTERLOCK NETWORK	<ul style="list-style-type: none">. Ramped up quickly to high competence as blockchain engineer with no prior development experience.. Performed both junior and senior engineering duties due to staffing shortcomings.. Architected and designed production grade cryptocurrency token and security staking scheme.. Responsible for advising PM, PE, CMO, CEO for all blockchain affairs, including recommended actions.. Ported the token and staking scheme twice to languages new to me after last-minute business pivots.. Invented abstraction/formalism to allow smart contracts to connect to one another as if computers.. Coordinated public facing security audit of all smart contract work with Kudelski Security.. Frequently contributed to other aspects of software product unrelated to blockchain responsibilities.. Interfaced with large partner CEOs, open source projects, and advisors to coordinate collaboration.. Made contributions to high-level business strategy, marketing, and overall product design.
TMFP	<ul style="list-style-type: none">. Conducted local outreach market research effort as the <i>Time Machine For Peace Social Invention Program</i>. Conducted over 150 individual / focus-group interviews to generate piece computer product profile.. Created RAG LLM chat companion as natural language interface between piece computers and operators.. Currently working to expand invention program efforts to the organization / community level.
AT&T	<ul style="list-style-type: none">. Ramped up quickly to high competence as a traveling satellite technician with very little prior experience.. Personally resolved over 70 priority outages in remote Alaskan villages, coordinating all operational aspects.. Commissioned ~10 EDGE upgrade transport systems for C Band earth stations in rural villages.. Lead technician on redundant Ka Band upgrade project, commissioning ~15 Ka Band earth stations.
GCI	<ul style="list-style-type: none">. Ramped up quickly to high competence as RF Microwave and Satellite Engineer with no prior experience.. Completed TCP/IP, iDirect, and Cambridge Radio training, emphasizing networking and Linux systems.. Installed and commissioned iDirect satellite bandwidth pool-sharing system in hub earth station.. Active iDirect troubleshooter for over 10 priority outages/turn ups.. Created transponder plan for organization wide circuit migration to new Intelsat H3 satellite.. Provisioned, installed, commissioned SatNMS network management server for monitoring satellite links.
UAA	<p><i>Bachelor of Science</i> in ELECTRICAL ENGINEERING, <i>Minors</i> in MATHEMATICS & PHYSICS</p> <ul style="list-style-type: none">. Dean's list 5 consecutive semesters for 4.0 academic performance.. Self-taught Quantum Physics, General Relativity, Plasma Physics, Mathematical Physics.. Twice awarded ALASKA SPACE GRANT one to build DC glow discharge plasma northern lights simulator.. Led team to construct medium-high vacuum chamber to house the northern lights simulator.. Worked on various projects (diagnostic tool design, magnet design, etc) for plasma physics laboratory.
SNOW SHARK	<ul style="list-style-type: none">. Created, owned, operated, sold successful small Alaskan snow plowing business.
AUC	<ul style="list-style-type: none">. Business Finance, International Relations, and Arabic at The American University in Cairo, Egypt.
MISC	<ul style="list-style-type: none">. Landscaping foreman and operator, server, ATV tour guiding to pay for school.

HARD SKILLS, TECHNOLOGIES, & TOOLS

I acquire and master skills on an as-needed basis. I am happy to demonstrate my ability to do so. My acquisition method is rooted in the peace process maintained by my personal world piece computer. Some I have used in recent past:

RUST, PYTHON, JAVASCRIPT/NODE.JS, TYPESCRIPT, INK!, OPENBRUSH, SOLIDITY, OPENZEPPELIN, LINUX/NIX, SQL, REST/GRAPHQL APIS, POLKADOT.JS, FLASK, CHROMADB, LANGCHAIN, VUE, ASSEMBLY, C, MATLAB, LATEX, RUBY, BASH, VIM, TCP/IP STACK, NGINX, GUNICORN, DIGITAL OCEAN, DOCKER, CLOUD FLARE, HUGO, SOLANA, ETHEREUM, WORMHOLE, ALEPH ZERO, SUBSTRATE, ARBITRUM.

Rust and Python are my favorite languages. My IDE is basic: bash shell, Vim, 8.5x11 paper, stickynotes, 0.9mm pencil, 1.6mm BIC Cristal, 9-in-1 color ballpoint, accounting ledger, sometimes Microsoft Word / VS Code if I need to create a diagram or use a plugin. Sometimes I tinker with Github Copilot, but not really. I leverage [Simon Willison's llm tool \(datasette project\)](#) for utilizing generative AI in my workflows.

REFERENCES

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CRITICAL TIMELINE

2021 - 2024	Junior + Senior Blockchain Engineer at INTERLOCK NETWORK
2019 - 2021	Traveling Satellite Transport Technician at AT&T ALASCOM
2018 - 2019	Engineer I, RF Microwave and Satellite at GCI
2014 - 2018	Electrical Engineering, Biology, Accounting at THE UNIVERSITY OF ALASKA, ANCHORAGE
2015 - 2016	Plasma Physics Research Assistant at UAA PLASMA PHYSICS LABORATORY
2011 - 2012	Owner & Operator of SNOW SHARK PLOWING SERVICES, LLC
2009 - 2011	International Relations and Business Finance at THE AMERICAN UNIVERSITY IN CAIRO
2008 - 2009	International Relations at MONTANA STATE UNIVERSITY

PERSONAL PROJECT WORK

TIME MACHINE FOR PEACE SOCIAL INVENTION PROGRAM . GENERAL PIECE COMPUTER (INVENTION) . THE UNIVERSAL PIECE COMPUTER (COMPUTATIONAL GLOBAL PEACE SYSTEM ERECTION) . WORLD PIECE COMPUTERS (PROTOTYPING) . QUALITATIVE DIFFERENCE PHYSICS (OBJECTIVE PHYSICS SUBJECTIVE ANALOG) . THE HARD PROBLEM OF CONSCIOUSNESS (TIMESPACE MATTER MINDMACHINE FORMALISM) . PEACE SYSTEMS ENGINEERING . CONCEPTUAL PEACE ART . MUSIC COMPOSITION . IDENTITY ARCHITECTURE, ENGINEERING, DESIGN

ACTIVE PROFESSIONAL DEVELOPMENT & CERTIFICATION

[INCOSE ASEP](#) . DECENTRALIZED TRACK-AND-TRACE CYBERPHYSICAL SECURITY FRAMEWORK WITH CSU . SELF-STUDY IN SYSTEMS ENGINEERING, VARIATIONAL MECHANICS, QUANTUM COMPUTING . WORLD PIECE COMPUTER PERSONAL UPGRADE ROUTINES . CERTIFIABLE IGLOO ARCHITECT, SNOWBLOCKCHAIN ENGINEER, IGLOO MASON