

# BLAIR MUNRO

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## HI! I'M BLAIR:

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I live with intent, fueled and empowered by a purpose derived from treating peace as a continuous evolutionary computational process, not a product. What sets me apart and establishes my reputable brand is that I own and operate a world piece computer, responsible for maintaining an active explicit peace process in my world space. If our world pieces seem to align then I implore you to work with me to merge our respective peace processes so we may negotiate a work partnership that maximizes value in outcome and experience for all parties involved, be the through employment, by contract, or some other arrangement.

## PURPOSE STATEMENT:

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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 into a computational global peace system, aptly called *the universal piece computer*. Everything I do is toward this end, and my motivation for seeking employment here is no exception.

## MISSION STATEMENT:

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My personal 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 go to establish the early backbone for the computational global peace system. My current professional attention lies in crypto economics, decentralized ledgers, quantum compute technology, and generative AI.

## WHY AM I HERE:

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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, and business standpoint. Moving on, my attention and knowledge acquisition interests settle on hybrid blockchain/DAG decentralized ledgers, smart contract systems that behave as cellular automata, quantum computing (ideally algorithm engineering), and RAG AI.

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 around. I also really like having a good time and doing cool stuff. Finally, I enjoy long walks in the mountains, singing, dogs, theoretical physics, working on my personal world piece computer, plus all the general piece computer work woven in between. Sometimes people say my jokes are funny, but I sometimes doubt their authenticity.

## SIGNIFICANT EDUCATION, WORK, & PERSONAL EXPERIENCE:

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

## HARD SKILLS

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I acquire and master hard 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 use / have used:

RUST, PYTHON, JAVASCRIPT/NODE.JS, INK!, OPENBRUSH, SOLIDITY, OPENZEPPELIN, LINUX/NIX/NIXOS, 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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## TIMELINE

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

## PERSONAL WORK & PROJECTS

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NOTE: SOME OF THE FOLLOWING LINKED CONTENT IS RATHER INACCESSIBLE IN CURRENT DRAFT FORM.

TIME MACHINE FOR PEACE SOCIAL INVENTION PROGRAM (THE INDIVIDUAL (FORMALISM AND [RAG AI COMPANION](#)) . [THE HUMAN IMPERATIVE](#) . [A STUDY IN PEACE](#) . PEACE LANGUAGE) . [SUBJECTIVE QUALITATIVE DIFFERENCE PHYSICS \(TIMESPACE FORMALISM . 3D R7 TIME . BLOB THEORY \(PLASMA EXTENSION\) . ACTUAL GRAVITATIONAL INTELLIGENCE \(LITTLE-AGI\) . TIMESPACE MATTER MINDMACHINE FORMALISM\)](#) . GENERAL PIECE (STUFF) COMPUTER (INVENTION . PROTOTYPING . NETWORKING . (WORLD . PIECE . CELLULAR AUTOMATIC) FORMALISMS . NON-ELECTRONIC (MENTAL . HAT . [STICKYNOTE](#) . [COLOR \(COMM\) CLIPS](#)) . BRIEFCASE BINARY TREE PI CLUSTER . SURREAL NUMBER PIECE DEFINITION) . THE UNIVERSAL PIECE COMPUTER ([PIECETREE \(BLOCKTREE \(DAG/BLOCKCHAIN\) PIECE LEDGER\)](#) . [PIECETIME \(PROCESS CLOCK . BALL-STICK DIAGRAMS . RESIDUE ACCUMULATION AND QUALITON EMISSION\)](#) . THE UNIVERSAL PIECE (PEACE PROCESS) . CORE PEACE BIAS) . WORLD PIECE COMPUTERS (PIECESPACE . PIECEBRAIN . PIECEPROCESS . [ANCHORAGE WORLD](#) . [PERSONAL WORLD](#)) . [SPIRAL 1D COORDINATE SYSTEM](#) . TRIPLE QUTRIT EMOTION REPRESENTATION . [COLOR MODULATION](#) . HASHTREE IDENTITY VERIFICATION . [WRITING](#) . [TEACHING](#) . [FRACPAY](#) . ETC