Blair Munro

ORIGIN	Anchorage, Alaska | 13 February 1989
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Soft Profile

I am a doer. My contribution to your organization would be the unique perspective born from my breadth of knowledge and experience, plus my particular work philosophy. I am an expert at remaining a generalist, maintaining a bird's eye view yet focusing as needed on details that a given project demands. Above all, I prioritize communication, and safety. This is to maximize the value of our common scarce resource—time. My specialty is in quickly learning hard skills relevant to work on hand, and to a high degree of technical proficiency. I do not place myself in boxes. I am a life-learner, adaptable and continuously evolving. I believe in continuously integrating world pieces in iteratively better ways. These reasons are in part why I believe it is in your best interest to hire me.

Hard Profile (accomplishments — education | leadership | technical)

AT&T	Ramped up quickly to high competence as a traveling satellite technician with very little prior experience. Personally resolved over 50 priority outages in remote Alaskan villages, coordinating all operational aspects. Commissioned ∼10 EDGE upgrade systems for C Band earth stations in rural villages. Lead technician on Ka Band upgrade project, commissioning ∼15 Ka Band earth stations. Educated fellow technicians as SME for Ka Band earth station systems.
GCI	Ramped up quickly to high competence as RF Microwave and Satellite Engineer with no prior experience. Completed TCP/IP, iDirect, and Cambridge Radio training, emphasis on 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, involving Red Hat Linux and networking. SME for Oracle Equipment Management database, modeling over 30 new equipment specifications. Created transponder plan for company wide circuit migration to new Intelsat H3 satellite. Provisioned, installed, commissioned SatNMS network management server for monitoring satellite links.
UAA	***Bachelor of Science*** in ELECTRICAL ENGINEERING, ***Minors*** in MATHEMATICS & PHYSICS, GPA 3.77. Dean's list 5 consecutive semesters for 4.0 academic performance. Worked with partner to create 'computer vision' system to measure watershed levels for local nonprofit. Self-studied General Relativity, Quantum Mechanics, 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. Designed electromagnets for use on ultra high vacuum chamber dedicated to plasma confinement research.
KELLY	Foreman for landscaping crew.
SNOW SHARK	Created, owned, then sold successful small Alaskan snow plowing business. Managed 30 residential contracts and 2 commercial contracts during record snowfall year in Alaska. Self-taught Automotive Mechanics, saving several thousand dollars in auto repairs.
AUC	Earned two years' education to study Business Finance, International Relations, and Arabic in Cairo, Egypt.
TRAILBLAZERS	Foreman for landscaping crew. Improved production process for erosion control units by 200%.

Hard Skills

Because I understand my position is one that lacks direct development experience, and because I master hard skills on an as-needed basis, I am happy to demonstrate my ability to work with any skills listed or not listed by completing a 'take home' assignment. An Indeed online coding assessment in Java, C, and Python determined me 'proficient'.

LANGUAGES/ ETC	assembly, C, go, bash, html, markdown, matlab, octave, python, JavaScript, SQL, TikZ, LaTeX, Rust, js.node, Hugo
TOOLS/SYSTEMS	Eclipse, git, vim, MS suite, Linux (Ubuntu, Lubuntu, centOS, Red Hat, Porteus), Arduino, VM, Docker, GCP, soldering, spectrum analyzers, oscilloscopes, multimeter, TCP/IP, Wireshark, Labview, telecom tools

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References

DJ Lastname	Affiliation:	AT&T	Manager
	Contact:	mail@att.com	(907) noo - nope
Himanshu Lastname	Affiliation:	GCI	Director
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Tim lastname	Affiliation:	AT&T	In-Charge, Mentor
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John lastname	Affiliation:	GCI	Engineer IV, Mentor
	Contact:	mail@gci.net	(907) noo - nope
first lastname	Affiliation:	49th State Motor Tours	Owner, Mentor
	Contact:	mail@gmail.com	(907) noo - nope
first lastname	Affiliation:	Electrical Engineering	Professor
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Timeline

2019 - 2021	Traveling Satellite 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
2017	Lead Guide at 49th State Motor Tours
2015 - 2016	Plasma Physics Research Assistant at UAA Plasma Physics Laboratory
2013 - 2015	Foreman at Kelly Lawn & Landscaping
2011 - 2012	Owner & Operator of Snow Shark Plowing Services, LLC
2009 - 2011	International Relations and Business Finance at The American University in Cairo
2009 - 2011	Foreman at Alaska Trailblazers, Inc
2008 - 2009	International Relations at Montana State University

Personal Projects

Universal /World Piece Computer	Developing fractal computer architecture devoted to maintaining peace as a monolithic process. Enter 'Universal Peace', continuous, evolutionary process for integrating world pieces in iteratively better ways. In principle, architecture is intended for purpose of creating a 'general stuff computer'. Recently decided concept is worth devotion, thus for context need immersion in computer design environment. In preliminary concept development stage, working out theoretical bases and first principles.
Briefcase Cluster Computer	Briefcase with head, base, and seven physical compute nodes (Pi's) in simple star topology. TODO - Implement Plan 9 distributed OS from Bell Labs. Intended to implement electronic 'toy model' aspect of universal/world piece computer.
Timespace Formalism	Devising way to express subjective experience as Fourier-like transform of quality through spacetime. To serve as theoretical basis for universal/world piece computer (process clock).
Miscellany	base-36 text parser, analog hat computer, communication clips, color modulation, Arduino blinky-light experiment, universal piece-blob formalism, analog stickynote computer, personal world piece computer, chiller webapp