EDWARD SPRIGGS

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TECHNICAL SKILLS

- **Programming Languages:** C, C++, Python, SQL, Bash
- **Software:** MATLAB, GNURadio, Xen, VirtualBox, Git, Subversion, GDB, Make
- **IT:** AWS Certified Cloud Practitioner (experience with EC2 and S3)

WORK EXPERIENCE

Tecore Networks — Elkridge, MD

Engineering Team Lead — May 2022 – May 2023
- Ensure continuity of competence on a small (2-4) team of software engineers.
- Work with management to delegate tasks in an efficient manner.

Senior Software Engineer — February 2020 – May 2022
- Onboard and coach software engineers.
- Plan and conduct technical interviews, and coach other staff on screening and interviewing.
- Develop and maintain project timelines.
- Analyze and remediate complex/subtle failures.
- Refine internal tooling.
- Administer departmental PXE, DHCP, and DNS servers.

Software Engineer II — Feb 2018 – Feb 2020
- Administer Git and Subversion servers, and provide company-specific training for the same.
- Prepare official builds and write READMEs.
- Work with stakeholders to refine and document requirements.
- Plan and implement significant new features, and write new programs.
- Document processes for builds and various internal tooling.
- Port software to newer Linux flavors, including dependency management.
- Screen new-hire candidates and evaluate technical assessments.
- Created database reliability layer for legacy application to eliminate single-point-of-failure risk.

Software Engineer — Dec 2014 – Feb 2018
- Review/analyze communication standards, including 3GPP, ETSI, IETF, and others.
- Respond to customer/tester incident reports with patches, documentation, and training
- Gathered and organized input data to trial noncooperative multilateration algorithms.
- Implemented maximum-likelihood and k-NN estimators for data above.

Students for Sensible Drug Policy — Washington, DC

Manager — April 2010 – March 2013
- Administrative program management for head office of ~200-chapter student political organization.

University of Maryland, Experimental Geometry Lab — College Park, MD

Research Assistant — Summer 2010
- Competitive program to visualize advanced concepts in geometry, focused on hyperbolic manifolds.

EDUCATION

Bachelor of Science — May 2009
University of Maryland — College Park, MD
- Math and philosophy double major