ERIC POLINO

(423) 618-6204; aluink@gmail.com

Employment

- **symplr (Chattanooga, TN)**—Senior Software Engineer   *December 2014–Present*

    - **Full Stack Web Development:** Developped an applicant tracking system utilizing C# and EmberJS. Backend tools included RabbitMQ, Redis, ElasicSearch, and AWS. AWS functions used included Lambda, S3, CloudFormation, CloudFront, and others.

    - **Integrations:** Wrote several integrations with outside vendors including, but not limited to, payroll vendors, JobBoards (Indeed, ZipRecruiter, Facebook, Google, and others), SMS, GitHub, Atlassian, and various WebHooks.

    - **Team lead:** Led the team in a Kanban methodology of issue prioritization. Was a voice to the greater organization to help drive direction and roadmapping.

- **devstudio42 LLC (Chattanooga, TN)**—Co-Founder / Programmer   *April 2014–December 2014*

    - **Rails Support:** Provided Ruby on Rails support on retainer for local startup. Performed feature development and bugfixes for calendar functions using FullCalendar, jQuery, and CSS.

    - **iOS Development:** Taught myself iOS to create public speaking application. Was responsible for iOS development including video/camera usage, REST API communication, Core Data, layout, and navigation.

- **BlueCross BlueShield of TN (Chattanooga, TN)**—Analyst Programmer   *July 2009–April 2014*

    - **myBlueTN Mobile App:** Designed and built registration and user profile modules for a new hybrid mobile application. Was the sole developer responsible for all future development, support, and maintenance.

    - **Inpatient Census Tool:** Designed and built a J2EE web application to aggregate inpatient authorization data. Provided multi-tier listings and incorporated predictive data to provide better foresight to the nursing staff.

    - **Biometric Screening Interchange:** Designed and implemented data entry system along with a secure automated transfer mechanism to an offsite location using JSF and AES 256.

    - **Breast Screening Survey:** Designed and implemented a call center application to survey members. Worked with reporting teams to report on the data.

- **Google Summer of Code (Remote)**—Intern   *May 2009–Aug. 2009, May 2007–Aug. 2007*

    - **GObjectification:** Worked on the *Pidgin* open source project aiding in the conversion of the core instant message library to utilize the GObject framework in C.

    - **Hiding and Conversion:** Hid all existing data structures from scope. Converted existing structures to inherit from GObject, paradigm shifting the library's architecture from procedural to object-oriented.

    - **Finch:** Developed enhancements to the open source console based instant message client *Finch* in the *Pidgin* project.

    - **Added Features:** Implemented sound and communication logging to files in Finch

    - **Abstracts:** http://developer.pidgin.im/wiki/GSoC2009/HidingGobject http://developer.pidgin.im/wiki/FinchFeat

Tooling and Language Experience

- Experience with C#, Java, HTML, CSS, JavaScript, LaTeX
- Comfortable in Windows and Unix/Linux environments.
- RabbitMQ, ElasicSearch, Redis, AWS

Personal Projects

- **Suicide Chess**   *2001-2004,2010-2011*
  - Wrote suicide chess program in C to play on the Free Internet Chess Server.
  - Implemented the proof-number search algorithm for finding forced wins.
  - Later rewrote in Java
  - Utilized transposition tables and killer heuristics to reduce the branching factor of the $\alpha\beta$ search tree.

- **Reversi**   *Fall 2008*
  - Wrote a Reversi engine in C for a tournament in college.
  - Created a genetic algorithm to improve the evaluation function.
  - Won the tournament with a perfect record and the only engine to have a positive +/- score.

- **LOAPS POTM (http://dinsights.com/POTM/LOAPS/)**   *2005*
  - Wrote a C program for the POTM programming contest that played LOAPS, a variant of the game Lines of Action. It placed 8th with a 56-16-2 record.
  - Used PN search to enhance play to find forced wins
  - Created a genetic algorithm to learn an evaluation function.

Education

- **Southern Adventist University (SAU)**   *2005-2009*
  - B.S. Computer Science
  - B.S. Mathematics