Eric A. Fode

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OBJECTIVE

Obtain a position that provides opportunities for me to advance my knowledge of computer science.

EDUCATION

Eastern Washington University (2012-2014) Computer Science.
Whitworth University (2008-2010) Computer Science.

TECHNICAL SKILLS

Languages & Software: C# (4 Years),C++ (4 Years), C (3 Years), JavaScript (3 Years), ActionScript (3 Years),Python (3 Years), Java (2 Years), Go (2 Years), LaTeX(1 Year), Intel Assembler (1 Year), Ruby (1 Year), Erlang (1 Year), VHDL (<1 Year).

Operating Systems: Windows, Unix, Android, iOS.

PROJECTS

DTL (Data Translation Language)   Spring 2012 (Planning)
- Defines backing data structures, language interfaces, provide a way to transition data between different backing structures, abstracts data storage away from languages.

Medminder   Winter 2011 (Dormant)
- Tracks the psychological and physiological effects of medications.
- Holds and searches for metadata about side-effects of medications using NLM RxNorm, NLM RxTerms, and NLM pillbox APIs.
- Gathers data logged by the users (with permission) to help establish better side effect profiles.

EXPERIENCE

IT Intern   Summer-Winter 2011
Chelan County PUD, Integration team, Wenatchee, WA
- Extended ArcFM Silverlight application to include unique geographical searches.
- Maintained and documented various extensions for ArcGIS.
- Used JavaScript, C#, ESRI ArcGIS APIs, VB6, Asp.NET MVC.

Quality Engineering Intern   Summer 2009, Summer-Winter 2010
Adobe System, Indesign QE Team, Seattle, WA
- Developed a system to automatically schedule tests necessary to show that recent changes did not modify the integrity of the code based on available tests.
- Integrated with testing automation system, VM management system, and code coverage analysis software.
- Integrated FoneMonkey into the Wired IPad viewer for test automation.
- Developed server software for determining if a test had passed depending on screen state and manage results.
- Used XCode, Objective-C, Java, SQL server, Bullseye Code Coverage, and Glassfish.

Research Programmer   Fall-Spring 2009
Whitworth University, Computer Science Department
- Finished a research project to visualize DNA.
- Presented paper at Spokane Regional Intercollegiate Research Conference (SIRC) titled "CODONS - Key-based visualization of genetic sequences".

EXTRA-CURRICULAR ACTIVITIES

Answer Questions on StackOverflow.com.
Participated in 3 ACM programming competitions.
Taking a class on Cryptography from the Univeristy of Virginia.

REFERENCES

Available upon request.