Amanda Der Bedrosian

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Education

University of Maryland, College Park, MD   **Fall 2012**

- Bachelors of Science in Computer Science
- Minor in Astronomy
- Completed College Park Scholars program, Environment, Technology and Economy division
- Participated in the Association of Women in Computing as the head of publicity
- Related Coursework: Bioinformatic Algorithms, Design and Analysis of Computer Algorithms, Machine Learning, Human and Computer Interaction.

Skills

Languages

- Expert: C#, ASP.NET
- Proficient: Java, C++, JavaScript, MySQL, HTML5, CSS
- Basic Knowledge: PHP, C, Ruby, OCaml

Tools

- SymSrv, CDB, Windbg, Fiddler, Visual Studio, Wix, ProcMon,

Experience

FactSet Research Systems   **January 2013 - Present**

- Worked alongside fellow developers to create developer tools for debugging code and diagnosing crashes.
- Developed company HTTP Symbol Server to both systematically catalogue symbols built by the build system as well as serve the symbols to developers.
- Maintained and further developed C++ extensions for Windbg that facilitated in parsing crashes.
- Built and further developed internal APIs that became commonplace among the company's engineers.
- Guided incoming employees on an individual basis semi-annually, teaching them where any gaps in training or their boss arose. Acted as a confidant in the event of an issue with the mentee, ideally advising them on how to handle the issue, speak to their manager concerning the issue or, if need be, contact HR.
- Organized training schedule for upcoming training classes for department, contacting colleagues to teach lectures. Assisted another department's training head with planning

Lead Programmer at Akanbar Online RPG   **March 2012 – November 2015**

- Worked as one of two programmers for a text-based game (MUD), averaging hundreds of players in total.
- Programmed in a custom language as well as HTML, Java, C++, C# and JavaScript, working to resolve over 150 bug reports submitted by players.
- Communicated with players and programmers from all corners of the world to create new features, resolve bugs and build the website.

Personal Projects

Stock Scanner

Wrote a standalone program that runs daily to scan over headlines involving select companies, populating a database with word choices, then at the next cycle, determines the "value" of said words. Higher value words mean the stock rose over the past 24 hours, lower value words- lower. Through this, determine if it is able to predict how a stock will do based on the day's headline.

Magic Mirror Enhancement

Enhanced the renowned magic mirror code to include missed calls and text alerts so that the owner will be able to see (and through the phone dismiss) text messages viewed through the mirror.