

Matthew S. Solarz

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Education

The University of Michigan - Ann Arbor, MI (Graduating Spring 2017)

Bachelor of Science in Engineering, Computer Science

Minor, Economics

GPA: 3.7/4.0 (Dean's list)

- Coursework: Data Structures and Algorithms, Foundations of Computer Science, Introduction to Computer Organization, Introduction to Operating Systems, Web Databases and Information Systems, Machine Learning, Database Management Systems, Security

Work Experience

Lockheed Martin: Software Engineering Intern

Summer 2016 Internship

- Developed an internal business application in AngularJS to improve efficiency in delivering technology replacements for employees
- Data analytics and business intelligence reporting, supporting Rotary and Mission Systems

Caramedia Productions LLC: Website Designer/Developer, Webmaster

April 2014 – Present

- Developing websites and web applications for the clients of Caramedia Productions LLC
- Maintaining the web servers of both Caramedia and its clients

Forest Computer Solutions: Web Application Developer

Summer 2014 Internship

- Redeveloped the client management and purchase/repair tracking system.
- Increased the efficiency and accuracy of Forest Computer Solutions' records

AAUW – Plymouth/Canton: Web Application Developer, Webmaster

August 2013 – Present

- Developed a box office web application for the American Association of University Women
- Set up online payments for the AAUW Plymouth Canton's fundraising plays

Freelance Website Design/Development: Web Application Developer, Web Designer/Developer

August 2012 – Present

- Developing and designing websites for various clients
- Providing and maintaining an Amazon Web Services server for clients

Skills

Languages: C++, C, Python, PHP, SQL, HTML, CSS, Javascript, JQuery, AngularJS, C#

Development: Object Oriented, MVC, Relational databases, AJAX, Responsive web design

Software: Vim, Git, Adobe Photoshop, Illustrator, Amazon Web Services, Microsoft Word, Excel, Tableau

Leadership and Activities

Eta Kappa Nu (IEEE Honor Society), Treasurer (Winter 2016, Current)

Michigan Electronic Dance Music Association, Treasurer (15-16, Current)