Adam Ryman

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"Any sufficiently advanced technology is indistinguishable from magic."
Arthur C. Clarke

An imaginative computer science student with cross-disciplinary technical skills and business experience that materializes disruptive ideas, illustrations, and hypotheses which, through agile development and rapid prototyping, develop into demonstrable **stuff.**

Mobilizing students with varying skill levels to complete their project passions using advanced technical skills and teaching/coaching abilities.

Knowledge Base

Languages: Visual Basic, C#, Java, Python, HTML, CSS, JavaScript, BASIC, Action Script

Specialties: Social Network Analysis, Machine Learning, Data Mining, E-Commerce, Data Visualization

Multiple Application Development Kits: Office Suite, Adobe Creative Suite, Wowza Media Server, etc.

Experience

STEM to Stern Assistant to Director, Bellevue College, *Bellevue, WA*   September 2011 – Present

- Right-hand man to the director assisting with design of marketing collateral and coordinating visits from STEM professionals including Microsoft, Boeing, Amgen, IEEE, and others
- Customized Share Point, Microsoft CRM, and automated multiple processes to improve usability for office staff and facility
- Was the go-to *"tech squad"* for 23-person team of office staff, facility, and volunteers fixing websites, desktops, laptops, networking, remote access, mobile device syncing, etc

CTO, StudentRND, *Bellevue, WA*   June 2010 – Present

- Networked with professionals in industries across the Northwest to develop resources and space for students to design, manufacture, test, and sell experimental products
- Organized regular workshops teaching 30 or more students how to design and build their own projects with laser cutters, 3D printers, a wide array of software, game design SDKs, electronic circuitry with motor controllers
- Documented all projects and events in real time with social media using video live streaming, photography, and MediaWiki
- Managed an elite group of students in creating a budget for all projects and insured 501(c)(3) tax compliance

Knowledge Discovery & Informatics Intern, Pacific NW National Lab, *WA*   June 2011 – August 2011

- Analyzed data on principle investigators' social networks' effect on project success
- Created automated workflows in Python, Java, Pajek, and Weka to manage data flow
- Requested for by manager for return internship and possible full-time hire
- Performance exceeded expectations allowing for multiple research projects
- Was sole intern requested by the National Security Directorate to travel to present findings on SARS (bird flu) data to Center for Disease Control research funding team

Director of Streaming, Tapin, *Bellevue WA*   November 2011 – Present

- Founded a startup with six students incorporating social media and GPS applications
- Accepted to Y Combinator Summer 2012

Graphics Programmer, Interrobang Interactive, *Redmond WA*   December 2009 – June 2010

- Worked with a seven-person team to create a puzzle game in C# that allowed a single player, "physicist," to manipulate laws of gravity, time, friction, light, and magnetism

Education

Computer Science Transfer Degree – Bellevue College / University of Washington   Anticipated 2014

3.9+ GPA & Accepted to STEM to Stern, a National Science Foundation program that chooses students for high potential in Science, Technology, Engineering, and Math   (STEM)

Awards

Pacific Northwest National Laboratory - Outstanding Performance Award   2011

College Board I SAT, ACT, AP Accreditor - AP Scholar with Honors   2010

Washington State Honors Award - Top 10% of High School Students   2010

Vex Robotics Tournament I Team Based Robotics - Tournament Champion   2010

Microsoft "Hunt the Wumpus" Video Game Competition - Best UX   2009