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Experience

Autonomy, HP

Jan 2008-Present
San Francisco, CA

HP Software   *Senior Product Manager*

Oct 2012-Apr 2014

- Technical product manager for Autonomy's flagship IDOL platform, as well as search application and audio recognition product.
- Implementing from scratch: Agile methodologies in dev organization, internal and customer-facing roadmaps, end-of-life/service initiatives, enhancement request/escalation procedures, marketing plans, deprecation policies
- Helped plan build-out of new technologies and products including: administrative interfaces, new robust data distribution algorithms, assessments of sentiment analysis algorithms, technical documentation
- Summary of KPI results: engineering defects raised down 40%, customer satisfaction index up, double-digit revenue growth every quarter

Autonomy, HP   *Senior Technology Architect, Manager*

Aug 2010-Oct 2010,
Aug 2011-Oct 2012

Interim gap with Aurasma: Autonomy subsidiary

- Manager in the professional services division, reporting to the CTO and, after an acquisition of Autonomy to HP, to the SVP of Technology
- Proactively designed and built several internal utilities from scratch for system management and analysis, including configuration managers and analyzers to ease everyday life for implementers
- Regularly see over Statement of Work definitions and Request for Proposal responses
- Responsible for planning, designs, and personnel management of many of the most complex solutions involving new multi-product integration. Examples include:
    - Litigation search application to support indexing and search of over 1.5 billion documents for a single customer, including audio data processing
    - Legal case software to handle tracking of case and user responses coming in at over 100 new pieces of litigation per day across over 50,000 employees

Aurasma   *Lead Architect, Manager*

Oct 2010-Aug 2011

- Was tasked with working with developers to "make an interesting mobile application" using some of the computer vision research Autonomy was working on
- Acted as team leader and lead infrastructure architect as the Augmented Reality mobile app went from pure hypothesis to initial delivery to nearly 2 million downloads
- Worked closely with developers and senior management to design and strategize feature release, deployment facilities, as well as capacity planning and analysis
- Head of the operations team, initially consisting of 4 members and growing to 11
- Aurasma's awards:
    - The DEMOgod award
    - DEMO People's Choice Award
    - Best of CES finalist
    - Best AR App and "Champion of Champions" at the AR Summit

Autonomy   *Technology Specialist/Sales Engineer*

Jan 2008-Aug 2008,
Jan 2009-Aug 2010

Interim gap with Blinkx: Autonomy minority investment

- Involved in design, proof of concepts, demos, and implementations of corporate software solution projects
- Designed and built in-house virtualization management and integration software, using VMware as a base to reduce custom demo deployment times from weeks to days
- Successfully involved in sales and implementations grossing over $40M in recognized revenues in under 3 years

Blinkx   *Developer*

Jul 2008-Jan 2009

- Developed content aggregation services to media sites in Perl
- Consulted on search implementation and API utilization, which involved speech-to-text for online

video services
- Wrote both front-end and back-end software to help launch tv.blinkx.com ("Blinkx Remote"). Software was written in Perl and PHP with MySQL back-ends. Recognized by the CEO for being one of the two most significant contributors to this effort

Wayne-Dalton Technology Development Center

Research Group   *Co-Op*

Jul 2006-Aug 2006
May 2007-Aug 2007
Atlanta, GA

- Worked with the home automation research group developing and testing new technologies based upon the Z-Wave protocol
- In charge of the robotic pick-and-place machine, reflow oven, solder stations, and the Agile project management software
- Reverse engineered antiquated 3rd party software and used this knowledge to design and write new software to directly convert CAD drawings into associated robotic movements, saving 50% of PCB setup time
- Wrote technical documentation and user manuals on new products and revised old documentation to ensure consistency and readability

Georgia Institute of Technology

Aug 2006-Dec 2006
Aug 2007-Dec 2007
Atlanta, GA

ECE 2031   *Lead Teaching Assistant*   Aug 2007-Dec 2007
ECE 2031   *Teaching Assitant*   Aug 2006-May 2007

- Lab instructor and TA for the sophomore level "Digital Design Laboratory" electrical engineering course
- Technical topics included discrete circuit design, introductory assembly language programming, state machines, computer aided digital design topics, lab analysis, and field-programmable gate arrays (including VHDL and Verilog programming)
- Non-technical topics included how to give technical presentations as well as an introduction to technical writing
- Lab groups under my supervision consistently scored above professor- and peer-reviewed class averages

Education

Georgia Institute of Technology

Aug 2003-Dec 2007
Atlanta, GA

Major: Electrical Engineering   **Graduated with High Honors**

St. Petersburg Polytechnic Institute
Foreign Certificate of Studies completed, 5.0/5.0 GPA

Jun 2006-Aug 2006
St. Petersburg, Russia

Additional Awards, Certifications & Notable Projects

- Pragmatic Marketing Certified in Product Management (2013)
- Sole creator of JSparks: an Android application and visual IDE to teach children to write software that controls a robot. Available on the Play Store and platform at https://sparki.eskibars.com
- In the 2% of problems solvers on ProjectEuler (2014)
- Autonomy Tech Rookie of the Year, Runner Up (2008)
- Runner Up: Best project on Instructables for (Autonomous Foosball Table, 2007)
- Showcased Project at Georgia Tech (Microwave Radio Terrain Diffraction Modeling, 2006)