Anton de Winter

Manager of Enterprise Services

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EDUCATION

Massachusetts Institute of Technology
2005 to 2010

Bachelor of Science - Aerospace Engineering

Interesting Coursework: Complex Problems in a Global Environment, Communicating in Cyberspace, Communication Systems Engineering, Human Factors Engineering, Principles: Automatic Control, Space Systems Engineering (Lab), Robotics: Science and Systems (Lab), Computer and Engineering Problem Solving.

SKILLS

Technical Leadership, Project Management, Java, Backbone.js, Organizational Strategy, HTML5, Python, Matlab, Scheme, J2ME (mobile development), PHP, Javascript, C, CSS, Django, CouchDB, MySQL, PostgreSQL, Android

EXPERIENCE

Scholastic Inc.
2012 to Present

Tech Lead, Senior Developer and Manager

Tech lead for a software development team tasked with delivering the teacher facing component of the upcoming flagship product for Scholastic (Math180). The role involved leading a team of 4 developers in implementing a front-end HTML5, Backbone.js based, educational suite.

Manager of Enterprise Services (team of 8). Responsible for driving

department wide strategy related to Service Oriented Architecture and Services at Scholastic (technology stacks, protocols, architectural design, etc).

Lead developer for the production of a new internal dashboard to ease management and monitoring of services.

Dimagi Inc
Software Engineer and Project Manager

2010 to 2012

Lead software developer and project manager on several health care related projects. Worked primarily with Open Source tools and software frameworks to develop technical solutions for developing world health care projects. Tools used include: J2ME, Python, Django, Javascript, CSS, HTML5, Couch, SMS technologies.

Robust Robotics Group (MIT)
Research Assistant

2009 to 2010

Researched/developed unmanned aerial vehicles capable of flying in GPS-denied, unmapped indoor environments – specifically image processing algorithms and hardware. The team competed in and won the 5th International Aerial Robotics Competition. A publication was accepted in the Proceedings of 2010 IEEE International Conference on Robotics and Automation.

BMW
Intern

May, 2008 to September, 2008

Analyzed unsteady state fluid flow of the underbody of a 3-Series vehicle. Developed tools for advisor to be used in Matlab and 3D CFD Simulator programs such as PowerFlow/PowerViz to assist in the study of Potential Flow field theory.

Space Logistics Lab (MIT)
Research Assistant

2007 to 2008

Developed SpaceNet 2.0, a Java based space mission logistics simulator. Implemented new algorithms to streamline application and developed graphical visualizations of simulation results.

Doyle Lab (MIT)
Research Assistant

2005 to 2006

Studied behavior of particles in micro-and nano-fluidic channels to

develop low power blood testing field-kits, highly efficient water purifiers and biological processors. Worked with fluorescence microscopes, power supplies, and plasma cleaners to observe and perform statistical analysis on particle flow using IDL.

PROJECTS

Olympus Laboratories (Founder)

Founded a start-up focusing on producing a cost effective, semi-mobile power generation platform making use of cutting edge Concentrated Thermal Solar Power (CSP) and Thermal Storage technologies.

MakeMetalSigns website development

2012 to 2013

Creation of a web based application that allows users to create a design for making signs using a Waterjet machine. Features: HTML5 content, Shopping cart, Web based Designer, Backend End order management system.

Startup Advisor (Ziba Style)

https://www.ziba-style.com/

Provided technical advice to a start up project: Ziba Styles (www.ziba-style.com). Gave guidance on technology choices, time to implementation projections and interviewed/reviewed implementing partners.

Event Organizer (MIT)

Organizer for largest Alumni event on Campus at MIT (1100+ guests over two days). Managed logistics for applying for funding from 3 different organizations.

LANGUAGES

Afrikaans (Native or bilingual proficiency), Dutch (Limited working proficiency), English (Native or bilingual proficiency)