Zevi Rubin

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Education

Wheaton College, Norton, MA

Bachelor of Arts Candidate, expected May 2016
Major: Computer Science GPA: 3.3
Concentration: UAV Development

Relevant Course Work: Computer Graphics, Algorithms, and Operating Systems

Software / Specialized Skills

C++/Python	OSX, Linux, Windows	3D CAD design and Printing
HTML/CSS/JavaScript	Arduino/MultiWii/RPi	Agile Development
UAV Pilot and Technician	Agisoft Photoscan	Aerial Mapping and Modeling

Relevant Experience

Software Engineer, Disaster Response UAV, Atlas v1 Prototype, Drono 2016 - Present
- Design prototyping and software development for a remote sensory platform
- Design and assemble carbon fiber and PLA parts for UAV frame and hardware
- Build LIDAR SLAM integration on the UAV platform for autonomous capabilities

UAV Consultant, Bristol County Fire Dept., Training Reconnaissance, Norton MA 2014 – Present
Assist Norton Fire Department on numerous search and rescue scenarios
- Provide technical rescue training exercises with scenario inspection and tool transportation
- Provide on-call aerial drone live feed for response personnel on the ground
- Record, edit, and produce professional aerial video and photos of exercises

UAV Developer, CDR Maguire, Providence RI, Summer 2015
- Consulted with engineering director for specification and prototyping of inspection drone
- Performed inspection flight and planned bridge inspection using drone technology
- Deliver still photographs, professionally edited video, point cloud and texture mapping

Other Experience

LIS Technical Support Senior Student Manager, Wheaton College MA, 2011 – Present
- Train and provide technical and network support for faculty and staff
- Acquired extensive experience with computer functions and troubleshooting
- Worked the deep freeze system, diagnosing and repairing machines, email and telephone support, directing and supervise student staff

Data Visualization Research, Computer Science Dept. Wheaton College MA, Summer 2015
- Created a web-based system for visualizing ranked, time-series data using graphic visualization and clustering displays
- Replaced Flash Action Script with JavaScript and HTML5 web interface

Leadership Activities

Thomas J. Watson Fellowship Finalist, 2016
MassChallenge Student Business Entrepreneur Winner, 2015
President of Computer Science Themed House, 2015 – Present
President of Computer Science Club, 2014 – Present

Interests and Hobbies

Multirotors, traveling, snowboarding, twisty puzzles/Rubicks cubes, and music.