Matthew Stanley

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Education

Middlebury College *Middlebury, VT*

Major: Bachelor of Arts in Computer Science, *summa cum laude* Feb, 2012 – Feb, 2016
Minor: Mathematics
GPA: *Major:* 3.93 *Overall:* 3.91
Honors: Phi Beta Kappa, College Scholar 6 Semesters

Technical Skills

Dev Tools:	git, gcc, make
Libraries & Frameworks:	Backbone.js, Node.js, WebGL, Flask, Django, jQuery
Operating Systems:	Unix, Mac OS X, Linux (Arch, Fedora)
Programming Langauges:	Python, Java, C, Javascript, HTML, CSS

Experience

American Flatbread *Middlebury, VT*

Kitchen Manager Back of House Jun, 2010 – present

- Trained on all positions in the restaurant, both front and back of house. Proficient enough to smoothly manage 400 cover nights. Create and execute catering menus for parties exceeding 100 individuals.
- Design and oversee the creation of new menu items and weekly specials alongside the head chef.
- Manage the kitchen staff in the absence of the head chef.

Middlebury College *Middlebury, VT*

Teaching Assistant Department of Computer Science Sep, 2014 – Dec, 2015

- Computing for the Sciences Fall 2015: Graded Python programming assignments for a class of 60 students, along with providing one-on-one mentoring in a lab class of 30 students.
- Data Structures Spring 2015: Provided both numerical and written feedback on Java programming assignments for a class of 60 students.
- Computing for the Sciences Fall 2014: Graded a class of 30 students on both style and correctness of programming assignment solutions written in Python.

Research Assistant Department of Computer Science May, 2015 – Jul, 2015

- Designed and developed two graphical applications to compute and visualize a selection of matching costs for stereo image pairs. These applications also allow the user to manipulate the images including: omnidirectional movement and horizontal/vertical image warping around an anchor point.
- Implemented both a native and web-based application in C++ and Javascript respectively.
- Using the WebGL API and GLSL, parallelized the compute-intensive image processing to take advantage of GPGPU allowing for interactive speeds within a web browser environment.

Research Assistant Department of Chemistry Jun, 2012 – Aug, 2012

- Synthesized the protein methionine aminopeptidase (METAP 2) to be utilized in researching the enzymes role in angiogenesis.
- Used UV-Vis spectroscopy to test for quality and quantity of protein produced.
- Created and presented a poster for the Middlebury College research symposium.