

David Sayles
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- OBJECTIVE** A position in the field of computer science with interests in research.
- EDUCATION** *Bachelor of Science*, Computer Science and Digital Art
Union College, Schenectady, NY, 2010
Minor: Japanese
Bachelors Thesis: Evofab: A Fully Embodied Evolutionary Fabricator.
- Developed novel system for evolving physical shapes using a 3D printer.
- Wrote an Interactive Evolutionary Algorithm to optimize movement instructions for a 3D printer in order to create specific shapes.
- PUBLICATIONS** J. Rieffel and D. Sayles. EvoFab: A Fully Embodied Evolutionary Fabricator. In: 9th International Conference on Evolvable Systems, Sep 6 2010
- SKILLS** *Typed Languages & Software*: Python, C++, Bash, L^AT_EX, VIM, GIT; Unix, Mac OSX and Windows Operating Systems.
Coding Style: Test Driven
Spoken Languages: English (native), Japanese (conversational).
- EXPERIENCE** *Junior Software Developer* Jan 2012 - Present
Makerbot Industries, Brooklyn, NY
- Co-Wrote main driver for use in MakerWare.
- Work on dispatch system and firmware for MakerWare and The Replicator, respectively.
- Program Manager* Dec 2012 - Present
Matthew Sayles Foundation, Ridgewood, NJ
- Currently work on the Executive board for charitable Not-For-Profit Organization, geared towards raising awareness of Salivary Gland Cancer.
- Manage vendors and equipment for Saylesock Music Festival.
- Insurance Producer* June 2011 - Jan 2012
David Sayles Insurance Services, Glen Rock, NJ
- Administered Computer Network, reconciled monthly bills, managed disaster recovery system.
- ESL Teacher* Sep 2010 - May 2011
Interac Co. LTD, Tokyo, Japan
- Worked in non English speaking environment as an English Language instructor at 5 separate public schools.
- OTHER EXPERIENCE** *Eagle Scout, Boy Scout Troop 8*