

Dugan Knoll

Full Stack Engineer

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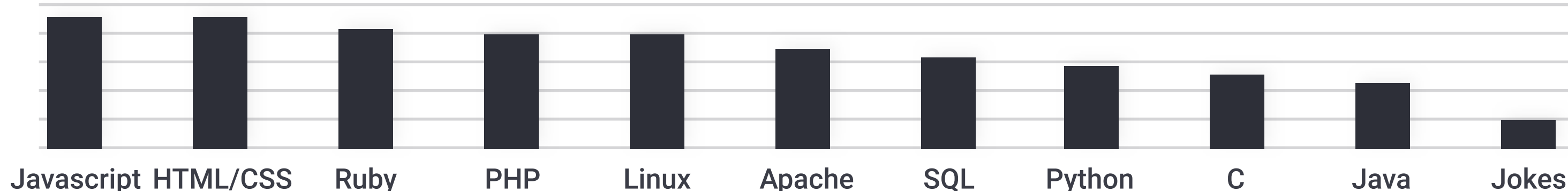


Grinnell
College

B.A. Computer Science, 2012

- Major GPA: 3.08
- Founding member and lead backend dev of App Dev team.
- Tutored students in CS121, Intro to Computer Science.
- Selected for Computer Vision Mentored Advanced Project.

SKILLS



SHOWYOU

Software Engineer

July 2014 - Present

- Developing and supporting the API for mobile and web applications.
- Built interfaces for publishers to upload and edit videos, as well as the front-end web video playback interface.

Stack : Ruby Sinatra, Grunt.js, PostgreSQL and Riak, AWS, Backbone.js, React.js, Underscore.js, and SASS.



Salem Health

Web Developer

June 2012 - July 2014

- Primary full stack developer at the largest hospital in Salem, OR.
- Database administration, support and training, and content management.
- Developed and maintained many of the mission critical intranet and internet applications to support medical staff.

Stack: PHP, Javascript, jQuery, Apache, MySQL, Microsoft SQL, Sharepoint, .Net Framework.



Publications
and Talks

Jerod J. Weinman, Member, IEEE, Zachary Butler, Dugan Knoll, and Jacqueline Feild. Toward Integrated Scene Text Reading. IEEE Transactions on Pattern Analysis and Machine Intelligence, Volume 36 Issue 2, February 2014.

Oral Presentation: A Robust System for Discovering Text Baselines in Scene Text Images. Dugan Knoll and Zachary Butler. 2011 Undergraduate Research Symposium at the University of Chicago.