
Alexander Gilman

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Objective

Seeking a position to leverage my technical skills in a role as a software developer to work with existing systems and to develop new technologies to increase business efficiency.

Education

Portland State University – Computer Science – 09/2008 to 04/2012

Relevant classes

- Algorithms
 - Databases
 - Object Oriented Programming
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Experience

CoinBeyond

04/2018 - 2/2020

Software Engineer

- Front end development of a Point of Sale application
 - Integrated third party services via REST API calls.
 - Python, Flask, Bootstrap, JavaScript, HTML, CSS
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Portland Clean Air

12/2016 - 04/2017

Software Engineer

- Wrote compliance software to automate bookkeeping and reporting while improving transparency and accuracy regarding funds raised.
 - Technology used: Python, Django, Django REST framework SQLite, javascript, AngularJS, Git, AWS EC2, JSON.
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NomadicLogs.com

09/2014 - 03/2018

Founder

- Designed and implemented a web platform for travelers to document and share their experiences. Experimented with mobile development using Ionic cross-platform framework.
 - Technology stack used: Python, CherryPy, SQLAlchemy, CSS/HTML, Bootstrap, Javascript, jQuery, Mapbox, Nginx, AWS EC2, Git.
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UTi Worldwide (Portland, OR)

10/2013 - 05/2014

DevOps - Build and Deployment

- Performed deployments of a complicated Service Oriented Architecture solution for a shipping and logistics company, with many services and nodes, to multiple enterprise environments.
 - Maintained deployment scripts – Bash, Apache Ant. Utilized strong understanding of web services and APIs.
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Jive Software (Portland, OR)

02/2013 - 09/2013

NOC Engineer

- Monitored network and application performance in multiple data centers, hosting over a thousand clients.
 - Wrote python and bash scripts to automate log gathering.
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Intel (Hillsboro, OR)

03/2012 - 09/2011

Software Engineer Intern

- Re-factored and maintained a setup wizard.
 - Designed and implemented a software solution for centralized control of lab stations with strong emphasis on security. The design used Microsoft .Net frontend, with Microsoft IIS, and executed commands remotely over SSH.
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SolarWorld USA (Hillsboro)

03/2011 - 09/2011

Software Engineer Intern

- Wrote queries to generate reports. Reports included: inventory tracking, yield and defect analysis, performance of individual tools on the factory floor.
 - Visualized reports with graphs and charts using ASP.NET and Microsoft IIS.
 - Provided detailed documentation and feedback to improve database schema, indexing and data warehousing.
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Bellingham Unitarian Fellowship

2018 - Present

Vice President

- Setting agenda and running Board meetings. Set up collaboration software to sync group calendars, teleconferencing, and group polls.

Tree Mapper

- Developed an application for a community project : mapping the trees in Bellingham parks. :: trees.agilman.org

Technical Skills

Programming languages	Python	Javascript	Bash	
Frameworks	Django	AngularJS	Sveltekit	TailwindCSS
Operating Systems	GNU/Linux	Windows Server	2008	
Databases	PostgreSQL	Oracle	SQLite	
Services	Nginx	IIS	Apache	Git
	OpenSSH	Mapbox	AWS EC2	
Monitoring	Zenoss	New Relic		
Deployment	Docker			
Collaboration	Zoom	Slack	Discord	
Other	HTML/CSS	Leaflet	Mapbox	

Github <https://www.github.com/agilman>

Misc.

Horticultural background: Landscaping and Arborist work experience.
Personal interest in propagating plants.
Multilingual: English, Russian, Hebrew, Spanish. Avid hiker and cyclist.