

Alexander De Michieli
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EDUCATION

- **PDX Code Guild** Portland, Oregon
Python-based Developer Bootcamp *Sept. 2019 – February. 2020*
- **European Institute of Design** Italy, Turin
Design and Visual Communication *Aug. 2012 – July. 2015*
- **University of Turin** Italy, Turin
Modern Literature and Linguistics *Aug. 2009 – Dec. 2012*

EXPERIENCE

- **LAM Research** Portland, OR
Freelance Developer Consultant *March 2020 - Present*
 - **Gemini:** Building an engineering portal for global use. The portal uses web sockets to run Python scripts which allow engineers to test components. Working on the interface, making a complex tool easy to navigate and enjoyable to use.
- **Squarespace** Portland, OR
Software Engineer Intern *Sept 2019 - Jan 2020*
 - **DB Portal:** Built a portal that provides a general view over the status of all Squarespace's databases and their nodes. The portal was built to help database engineers to troubleshoot outages faster. The tool helped to effectively reduce downtime.

PERSONAL PROJECTS

- **Quartz:** It is an online gallery that allows photographers to save their portfolio and share images on social media. The gallery is created with Django, hosted on PostgreSQL, Amazon AWS and deployed with Heroku.
- **Slack Chat:** Replica of a Slack chat created using Javascript and web sockets with Socket.io
- **Flocking:** Interpretation of the Boids algorithm created by Craig Reynolds in 1986. This algorithm displays the movement of birds

PROGRAMMING SKILLS

- **Languages:** Python, Javascript, Java
- **Frameworks:** Django, React, Material UI, Bootstrap
- **Technologies:** Web Sockets, Heroku, Mongo, PostgreSQL, Firebase, JWT Authentication