

# Bogdan Alexandrescu

balex@ucdavis.edu  
<http://www.linkedin.com/in/alexandrescu>

(415) 660-8886  
San Francisco, CA

## Experience

### Apple (Cupertino, CA)



Senior SRE, MAPS, March 2016 - Present

- Build and support distributed and highly available compute platforms. Productionalize and automate big data ingestion and processing pipelines. Software product architecture reviews and disaster recovery strategies, tooling and monitoring. Agile sprint planning and training.

### Twitter (San Francisco, CA)



Software Engineer - Tech Lead, Ads, Jun 2015 - Dec 2015

Technologies: Scala, Javascript, Flight.js, HTML5, CSS3, Mustache

- Design and implement client facing features and advertising formats for [twitter.com](https://twitter.com) in order to drive up engagements and increase overall product quality and advertising revenue. Coordinating tasks and synchronizing with other leads, PMs and designers on technical requirements, UX/UI designs & release dates as well as supporting and mentoring teammates.

Software Engineer, IO, April 2014 - May 2015

Technologies: Python, Javascript, Flight.js, AngularJS, MySQL, Redis, MongoDB, Hadoop, Mesos

- Lead the design and development of an end-to-end capacity planning and management solution. Other projects involved building reliable and highly available automation software in distributed environments (Mesos, Hadoop) to handle an end-to-end strategy for fleet analytics, provisioning, allocation and infrastructure operations.

### UC Davis (Davis, CA)



Assistant Specialist, Jan 2012 - Present

Technologies: Python, PHP, Java, Redis, MySQL, AWS stack

- Develop and maintain a MySQL database driven Web Applications and UC Davis AWS Server for collecting and administrating the research data needed for the Federal Grant (USDA) funded projects.

### AV Franchise Consulting (Bucharest, RO)



Founder & CTO, April 2009 - August 2011

Technologies: Python, PHP, Redis, MySQL, Linux, Javascript, HTML5

- Lead the technology efforts of one of the biggest franchise consulting businesses in Romania. Provided integration (website, In house CRM software) for the company's database of 6000 clients/partners management. Built the web directory with the highest traffic in this business segment in Romania.

### Webstyle Solutions (Bucharest, RO)



Founder & Team Lead, April 2007 - August 2010

Technologies: PHP, C#, MySQL, Javascript, HTML, DNS, Webhosting

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- Provided leadership, architectural, and process direction for the following services and products: web development, web hosting, domain registry, IT outsourcing and website maintenance. Lead the efforts in the integration of electronic payment systems with Authorize.net, PayPal, Mobipay and Gecad.

## Education

### Harvard University

MA, Management, 2017 - Present



### Harvard Business School

HBX CORE, 2016-2017



Graduated with Honors

### University of California, Davis

MS, Computer Science, Sep 2012 - April 2014



GPA: 3.85/4.0

### Cibernetics, Statistics & CS - ASE Bucharest

BS, Computer Science, Sep 2004 - June 2008



GPA: 3.65/4.0

## Skills

- **Software Engineering:** Python, Scala, Golang, PHP, Bash/Shell, HTML5, CSS3, Javascript, Flight.js, AngularJS, Jasmine, SQL (MySQL, PostgreSQL, Oracle), Non-SQL (MongoDB, Redis, Manhattan, Elastic Search, Solr, Cassandra), Distributed Computing (Mesos/Maraton/Aurora, Kubernetes, Hadoop/HDFS, Heroku, AWS Stack, Zookeeper), Blockchain Technology, Docker, Jenkins, Artifactory, Druid/Superset, Tableau, Kibana
- **System Engineering:** Citrix Netscaler, Nginx+, HAProxy, DNS, Kickstart, Verdad, Switch and Network configuration, Firewalls, Puppet, Chef, Tracing, Splunk, ELK Stack, Zipkin, Zabbix, InfluxDB/Grafana
- **Information Security:** Intrusion Detection, PEN Testing, Cryptography
- **Leadership:** Leading teams of developers working on software and financial projects and businesses
- **Project Management:** Scrum and Agile Metodology project management
- **Languages:** Fluent speaker of English, Italian, Romanian and beginner level in French, Spanish & Mandarin.

## Leadership Affiliations

- **Graduate Student Association, UC DAVIS,** Computer Science Representative (2012-2013)
- **Mensa,** Active Member (2011 - Present)
- **Rotaract** (Rotary International), President 2012 (2008 - 2012)
- **Business Club & VIPRomania,** Active Member (2004-2008)