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San Francisco, CA 94109

# MICHAEL PARLATO



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## EMPLOYMENT

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<b>Full Stack Engineer</b>	<b>OpenGov, Inc.</b>	<b>2016 - 2018</b>
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*Startup transforming the way governments report, forecast, and share financial data*

- Made key contributions to scaling collaborative, cloud-based, budget-building application
- Integrated across the stack, utilizing Rails, React, Relay, GraphQL and other cutting edge tools

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<b>CEO, Cofounder</b>	<b>Glyscend, Inc.</b>	<b>2014 - 2016</b>
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*Life science startup developing novel treatment for type 2 diabetes*

- Led diverse team of engineers, clinicians, and scientists from clinical need discovery and napkin sketch through seed funding and preclinical development in 2 year period
- Raised and managed a non-dilutive seed round of \$615K from various sources

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<b>Project Manager</b>	<b>Johns Hopkins University</b>	<b>2014 - 2015</b>
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*Managed IP-generating projects' transfer out of academic setting*

- Coordinated teams of engineers and clinicians on a variety of engineering projects
- Co-authored several patents that were eventually licensed by major multinational corporations

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<b>Research Engineer</b>	<b>University of West Florida</b>	<b>2012 - 2013</b>
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*Used movement data (actigraphy signals) to classify user activity and estimate energy expenditure*

- Used Matlab to implement various machine learning algorithms to evaluate and accurately rank the effectiveness of 63 different features in classifying exercise behavior
- Presented results at IEEE Southeast Con 2013 in Jacksonville, FL

## LANGUAGES AND TECHNOLOGIES

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Javascript	Ruby	Python	Rails	CSS/Sass	jQuery	SQL	HTML5	ReactJS
Redux	Relay	GraphQL	Git	Matlab	RSpec	Mocha	RXJS	Jest

## EDUCATION

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<b>App Academy</b>	<b>2016</b>	<b>San Francisco, CA</b>
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<b>Johns Hopkins University</b>	<b>2013-2014</b>	<b>Baltimore, MD</b>
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M.S.E. in Bioengineering, GPA: 3.9	Development and commercialization of med-tech
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<b>University of West Florida</b>	<b>2009-2013</b>	<b>Pensacola, FL</b>
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B.S. in Electrical Engineering, GPA: 3.8	Minor in mathematics, focus in pattern recognition
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## CONTINUED EDUCATION

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*Committed to developing new skills with various sources of supplemental education*

**Structuring Machine Learning Projects**

**Algorithmic Toolbox**

**Improving Deep Neural Networks: Hyper-parameter tuning, Regularization and Optimization**

**Neural Networks and Deep Learning**

**Algorithmic Thinking (Part 1)**

**Principles of Computing (Part 2)**

**Principles of Computing (Part 1)**

**An Introduction to Interactive Programming in Python (Part 2)**

**An Introduction to Interactive Programming in Python (Part 1)**