LUKE WEBER

// *Computer Scientist*
// *7 Years Experience*
// *@lukedottec*

Website
// lukedottec.github.io

GitHub
// github.com/lukedottec

LinkedIn
// linkedin.com/in/lukedottec

Email
// lukedottec@gmail.com

Phone
// (916) 799-4473

Environments
Python	*****
JavaScript (ES6)	*****
Android	******
Java	***
C/C++	****
Linux (Arch)	********

Skills & Pursuits
Machine Learning
Artificial Intelligence
Algorithms & Modelling
Systems Development

[Education]
// Undergraduate research currently in progress!

B.S. COMPUTER SCIENCE
August 2013 – May 2017

/* 5x President's Honor Roll Student, Washington State University (3.66 GPA) */

- Machine Learning // CptS 570
- Structured Prediction // CptS 580
- Artificial Intelligence // CptS 440
- Operating Systems // CptS 460
- Algorithm Design & Analysis // CptS 350
- Databases // CptS 451

[Experience]

DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING
May 2016 – June 2017

/* Android Application Developer & Research Assistant, Washington State University */

- Led mobile app team — got app to run on 90% of all Android phones and tablets (on Google Play Store).
- Facilitated alpha and beta testing to government users; assisted iOS app development (in progress).
- Developed local databases in XML and SQL, app-server communication stream for posting images and accompanying data, and crafted a custom, dynamic, and responsive user interface.
- Repaired broken, pre-existing application to accompany upgraded data; wrote tutorials and documentation.

CENTRAL ACCESS CENTER
January – March 2013

/* Desktop Application Developer, Central Washington University */

- Assisted learning-disabled students with reading 50+ preprocessed textbooks.
- Converted text-to-speech, as part of larger Java-based Swing application, with less than 3% trial error.
- Utilized PDF-to-text conversion to simplify textbook content by near 2/5 (my best approximation).

[Projects]
// For 20+ more, see GitHub.com/lukedottec!

FAKEFEWS
February 2017 - Present

/* Lead Software Developer, GitHub.com/SlickBits/FakeFews */

- Trained fake news classifier using Bayesian classification with bag-of-words representation for features, parsed from article URL's — moved classifier onto AWS remote server.
- Ported machine-learning model to classify Facebook posts via Google Chrome extension (on Chrome store!).
- Manually compiled 100+ base training data examples, whilst crowdsourcing further training data from users.

MOUNT BAKER BROS
July – August 2012

/* Web Application Developer, Ellensburg, WA */

- Provided Mount Baker visitors with 95%+ accurate weather stats using Google App Engine and Google Cloud.
- Stored and queried up to 5 measures of weather data with MySQL database.
- Fetched, parsed, and saved XML documents from NOAA database with less than 1% data discrepancy.

EVENTS: *Crimson Code 2017, Microsoft Def Hacks() 2017, Crimson Code 2016, *WSU Hackathon 2015   *Finalist*