Parker Williamson		
7331 52 nd Ave NE, Seattle WA 98115 • (206) 713-8907 • 4pkwilliamson@gmail.com www.linkedin.com/in/parkerwilliamson • https://github.com/ParkerWilliamson		
EDUCATION AND CERTIFICATIONS		
California Polytechnic State University, San Luis Obispo Bachelor of Science in Mechanical Engineering, with a concentration in Mechatronics		
Spring Mach	ine Learning Course from Stanford University on Coursera	Jan 2018 – June 2018 Summer 2016
WORK EXPERIENCE		
 Ca O Ca Ca O 	Added new production lines at factories by implementing multiple PLC and HMI pro Served as company's emergency service contact for multiple weeks and consistent ontrols Engineering Intern - Industrial Automation Group (Ladder Logic) Performed service calls and restored production lines	April 2017 – Jan 2018 ojects ly solved client's issues Jan 2017 – April 2017
0 0 0 0 0 0	Quoted and implemented a job worth more than \$10,000 Converted from an intern to a full-time position after 3 month of successful project reenpoint Technologies - Interiors Intern Compiled standards and edited the Greenpoint Engineering Design Handbook Classified and corrected models of fit, form and function errors	ts and happy customers Summer 2014
> M 0	Iachinist Intern – Atomic Fabrication Responsible for cutting, bending, polishing, shearing, drilling, punching, and treatin	Summer 2015 g metal
PROJECT EXPERIENCE		
	PROJECT EXPERIENCE	
	<u>PROJECT EXPERIENCE</u> ersonality Classification from text (Python) Collected more than 10,000 comments from Reddit using the PRAW API Used a bag of words approach to extract features from text ~70% accuracy classifying each of a commentor's personality traits	Mar 2018 – May 2018
 Pe O O O Cl O 	PROJECT EXPERIENCE ersonality Classification from text (Python) Collected more than 10,000 comments from Reddit using the PRAW API Used a bag of words approach to extract features from text ~70% accuracy classifying each of a commenter's personality traits othing Categorization (Python) Classified 10 clothing groups using multiple ML models on a dataset of 70,000 imag	Mar 2018 – May 2018 Jan 2018 – Mar 2018
 Pe 0 0 0 CI 0 0 M 	PROJECT EXPERIENCE ersonality Classification from text (Python) Collected more than 10,000 comments from Reddit using the PRAW API Used a bag of words approach to extract features from text ~70% accuracy classifying each of a commenter's personality traits othing Categorization (Python) Classified 10 clothing groups using multiple ML models on a dataset of 70,000 imag 92% accuracy using CNN, with categories such as T-shirt and Shirt (Keras with a Ter Notor Controller (Assembly)	Mar 2018 – May 2018 Jan 2018 – Mar 2018 ges nsorFlow backend) Fall 2015
 Pe 0 	PROJECT EXPERIENCE ersonality Classification from text (Python) Collected more than 10,000 comments from Reddit using the PRAW API Used a bag of words approach to extract features from text ~70% accuracy classifying each of a commenter's personality traits othing Categorization (Python) Classified 10 clothing groups using multiple ML models on a dataset of 70,000 imag 92% accuracy using CNN, with categories such as T-shirt and Shirt (Keras with a Ter lotor Controller (Assembly) Created a motor controller using a Motorola 68HC12 microcontroller O Scanner (Python) Sum Designed and built a cheap 3D scanner using line laser, webcam and stepper motor Programmed arduino controlled Inputs/Outputs and laptop-based image processin	Mar 2018 – May 2018 Jan 2018 – Mar 2018 ges nsorFlow backend) Fall 2015 mer 2016 – Summer 2017
 Pe O O CI O CI O M SI O EI O O 	PROJECT EXPERIENCE ersonality Classification from text (Python) Collected more than 10,000 comments from Reddit using the PRAW API Used a bag of words approach to extract features from text ~70% accuracy classifying each of a commenter's personality traits othing Categorization (Python) Classified 10 clothing groups using multiple ML models on a dataset of 70,000 imag 92% accuracy using CNN, with categories such as T-shirt and Shirt (Keras with a Ter lotor Controller (Assembly) Created a motor controller using a Motorola 68HC12 microcontroller O Scanner (Python) Designed and built a cheap 3D scanner using line laser, webcam and stepper motor Programmed arduino controlled Inputs/Outputs and laptop-based image processin ectronic Car, Mark I & II (C++ & Python) Built an electronic car from base components using an ATmega1281 8-bit microcor servo, IR sensor, MPU-6050, encoder and Bluetooth devices (mark I) Designed, wired and built the car in collaboration with the rest of my team Used image processing to recognize and react to a basic stop light using OpenCV or	Mar 2018 – May 2018 Jan 2018 – Mar 2018 ges hsorFlow backend) Fall 2015 mer 2016 – Summer 2017 g Winter and Spring 2016 htroller to control motor,
 Pe 0 0 Cl 0 M 31 0 Bit 0 0 0 	PROJECT EXPERIENCE ersonality Classification from text (Python) Collected more than 10,000 comments from Reddit using the PRAW API Used a bag of words approach to extract features from text ~70% accuracy classifying each of a commenter's personality traits othing Categorization (Python) Classified 10 clothing groups using multiple ML models on a dataset of 70,000 imag 92% accuracy using CNN, with categories such as T-shirt and Shirt (Keras with a Ter totor Controller (Assembly) Created a motor controller using a Motorola 68HC12 microcontroller O Scanner (Python) Built a cheap 3D scanner using line laser, webcam and stepper motor Programmed arduino controlled Inputs/Outputs and laptop-based image processin ectronic Car, Mark I & II (C++ & Python) Built an electronic car from base components using an ATmega1281 8-bit microcor servo, IR sensor, MPU-6050, encoder and Bluetooth devices (mark I) Designed, wired and built the car in collaboration with the rest of my team Used image processing to recognize and react to a basic stop light using OpenCV or	Mar 2018 – May 2018 Jan 2018 – Mar 2018 (es nsorFlow backend) Fall 2015 Mer 2016 – Summer 2017 Winter and Spring 2016 htroller to control motor,