Ahmad **Abdolsaheb**

Istanbul, Turkey
+90 535.025.4585
ahmad.abdolsaheb@gmail.com

LinkedIn: linkedin.com/in/abdolsa   **GitHub:** github.com/ahmadabdolsaheb   **Portfolio:** abdolsa.com

>LANGUAGES AND TECHNOLOGIES

- **Proficient:** JavaScript, ReactJS, Redux, React Native, Node.js, Express, MongoDB, Firebase, D3.js, HTML5, CSS3, Heroku, Chai, WordPress, Photoshop, Sketch, Git
- **Exposure:** Python, PHP, C, Pytorch, Matplotlib, Numpy, Pandas, MySQL, Webpack, Babel
- **Spoken:** English, Farsi, Arabic, Turkish

>PROFESSIONAL EXPERIENCE

Freecodecamp | Software Engineer + Tech Writer | Remote   Jul 2016 - Present

- Designed and co-wrote Applied Visual Design, CSS Grid and CSS variables sections used by 1.5+ million users, expanding curriculum of Responsive Web Design Certificate by more than 20%.
- Wrote about JavaScript implementations of minimax and random walk algorithms for Medium publication, earning over 3,000 followers along with attention of Steve Wozniak.
- Moderated staging repo on Github by reviewing, discussing, and finalizing 50+ issues, features, and pull requests for entire Free Code Camp curriculum and website.
- Created more than 40 unit tests using Chai to cover 100% of CSS Grid and CSS Variable challenges.

Nungrup | Senior Market Analyst | Istanbul, Turkey   Dec 2012 - Present

- Participated in negotiation team on behalf of client, resulted in $250K order discount from supplier.
- Shaped marketing strategy with multiple departments that led to joint venture with $30M company.
- Created automated invoicing system using Excel that increased efficiency of invoicing procedure by 90%.

Almufeed | Founder + UI Designer | Tulsa, Oklahoma   Dec 2011 - Dec 2012

- Led team of 10 engineers and teachers to develop virtual classroom using PHP, Moodle, and BigBlueButton to provide remote teaching opportunities for US teachers and cut costs for Iraqi students by 30%.
- Prototyped psychological assessment tool in HTML and CSS to identify students with special needs 3X faster.

Daily O'Collegian | Cartoonist | Stillwater, Oklahoma   Dec 2010 - Dec 2011

- Collaborated on team of 10 writers to illustrate daily news using Photoshop; delivered 50+ editorial cartoons.

>EDUCATION

B.S Business Management (Minor in Marketing), *Oklahoma State University, Spears School of Business*   Aug 2012

>PROJECT WORK

Plant Classifier | Software Engineer | code   Aug 2018

Python command line image classifier allowing users to choose and train neural networks to classify plant images.

- Optimized training and prediction for GPU to increase processing time up to ~66X utilizing Pytorch's densenet and VGG neural nets to achieve ~90% classification accuracy.
- Incorporated configurable neural network architectures, learning rates, hidden units, and epoches numbers allowing users to increase accuracy more than 40% from base model.

Pinter | Designer and Software engineer | live | code   Dec 2017

Pinterest like social photo-sharing and photo collecting web app where users can track the popularity of their photos.

- Architected RESTful API using Node.js and Express with MongoDB database; developed Twitter OAuth2 system using JavaScript and Passport.js which reduced authentication time by ~80%.

NormanFinkelstein.com | Software Engineer + Designer | live | code   Jul 2014

Customized bootstrap theme with WordPress backend for website of activist Norman Finkelstein.

- Crafted 11 page PHP and Bootstrap templates visited by up to 7K daily users, incorporating readability standards that reduced bounce rate by 30% and increased ad clicks by 10% during first month.

>LEADERSHIP + AWARDS

Top Contributor Award, *freecodecamp.com, given to top 200 contributors from 8000 contributors*   2018
Life and Technology Award, *studentaffars.com, 4th place among 150 entries*   2010
President of Iraqi Students and Scholars Association, *OSU, Organized activities for 300+ students and faculty*   2011