Los Angeles, CA
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Andrew MacDonald

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Technical Skills

Strong: JavaScript, AJAX, Node.js, jQuery, HTML, Heroku, Git, Bookshelf.js, Angular
Experienced: Express, MySQL, MongoDB, D3, CSS, Bootstrap, Bcrypt, Backbone, Firebase, TDD, Casper

Web Applications

What U Gonna Get?: *Personalized food recommendations/ratings* (**https://github.com/andrewomacdonald/MenuApp**)
- Wrote MySQL database schema for user information, ratings, and user preferences using Backbone.js
- Created user authentication and login/logout functionality using JWT
- Wrote backend routes and functionality for inserting information into MySQL database using Express and Node

Lunchline: *Crowdsourced application for looking up wait times at nearby restaurants* (**lunchline.herokuapp.com**)
- Wrote backend routes with ExpressJS and logic to store user information into MongoDB
- Leveraged Google Places API t o generate directions based on user's geolocation
- Ensured app security by packaging code such that users cannot gain access to sensitive database information

DrivewayShare: *Platform allowing users to post available parking spots for rental* (**drivewayshareapp.herokuapp.com**)
- Collaborated with engineering team, improving product UX and refactoring existing code for modularity
- Implemented advanced form validation using Angular and MongoDB for user signup/signin

Work Experience

Front End Software Engineer: *Remote Contract Position, July 2016-Current*
- Write, test and implement front end code using AngularJS, Bootstrap and .less
- Integrate Pubnub into application to create dynamically updated content
- Use wireframe mockups created by product team to create entirely new portions of application
- Improve functionality and efficiency of existing portions of site
- Collaborate with backend engineers to make sure code is scaleable for large amounts of users
- Consistently meet deadlines and learn new libraries/Angular modules as needed completely on my own

Software Quality Assurance: *Experis, 2011-2015*
- Tested UI/UX of web based applications such as ESPN for Xbox One and Halo: Waypoint
- Performed network throttling testing for multiplayer games and streaming applications
- First-hand experience in the development process working on AAA projects such as Sunset Overdrive and Halo 4
- Utilized Microsoft Visual Studio to gather call stack information for software engineers to debug

Education

MakerSquare (Santa Monica, CA): Immersive advanced software engineering program, 2016
University of Oregon (Eugene, OR): BS in Journalism: Electronic Media, 2002-2008
- **Relevant Courses:** Advanced Calculus, Differential Equations, Electromagnetism

Personal

Movie buff who plays probably too much Team Fortress 2. In the past year and a half I've lost 120 pounds by running a marathon and eating more oatmeal and plain turkey sandwiches than any person should ever eat in their life.