Andy Knolla

Web Developer   AndyKnolla.com

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Work Experience

TECHTONIC GROUP — Boulder, CO   Developer Apprentice   December 2016 - April 2017

PROJECTS

Art Intelligence - A platform for professional artists to create online galleries

  ‣ *Technologies: JavaScript, React, CakePHP, Bootstrap, HTML, CSS*
- React: developed new components, handled state management
- Worked with legacy code. Tied a new front-end to client's legacy site, converting view templates to JSON API's, and wrote code to work with that new data format
- Tested and debugged in the browser; fixed bugs involving unfamiliar code
- Git source control: feature-branch workflow, resolving merge conflicts, etc
- Agile: Worked in a 5 person team using Agile and Scrum processes

HomeVestors of America - Administrative app for HVA members

  ‣ *Technologies: C#/ASP.NET, JavaScript, AngularJS, SQL, HTML, CSS*
- Tracked down and fixed bugs in a large and unfamiliar code base
- Learned Visual Studio, C# and the .NET framework on the job

SUNDYNE — Arvada, CO   Welder/Fabricator/Assembler   January 2013 - April 2016

- Assembled 12 different high-speed centrifugal pumps and compressors
- Fabricated tools, steel bracing and support structures for machine systems
- Certified in TIG welding

US MARINE CORPS   Aviation Hydraulics Engineer   July 2001 - July 2006

- Rebuilt and tested helicopter hydraulic components, ie. flight controls and landing gear
- Honorably discharged at the rank of Sergeant (E-5)

Education

GALVANIZE — Denver, CO   6 month Web Development Immersive — 2016

1000+ hours of industry focused curriculum covering all aspects of modern web development & building real world business apps — Focus on problem solving, teamwork, and continuous learning.

WICHITA STATE UNIVERSITY — Wichita, KS   Bachelor's degree of General Studies — 2015

Focus on business, psychology, and geology.

INTERNATIONAL WILDERNESS LEADERSHIP SCHOOL — Haines, AK   2012

96 days in the field leading groups on outdoor recreational excursions. Focused on logistics, planning, time management, teaching and communication in addition to skills.

Skills

Technologies
- JavaScript
- Ruby on Rails
- jQuery
- React
- Redux
- Webpack
- AngularJS
- AJAX
- Node.js
- Express
- PostgreSQL
- C#/ ASP.NET
- CLI / UNIX
- Git & Github
- SCSS
- Bootstrap
- Materialize
- Gulp
- Mocha / Chai

Tools/Techniques
- Visual Studio
- Responsive Design
- Wireframing
- Database design
- Balsamiq Mockups
- TDD
- Pivotal Tracker
- Jira
- Agile - Scrum
- Web Accessibility
- Pair Programming