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## Professional Summary

Full Stack Web Developer with an emphasis in Front End, UI/UX Design. Highly-skilled Graphic Designer with a proven track record, able to build and theme fully functional applications with a database backend, from mockup to rollout. Adept at implementing projects with diverse teams within agile methodologies or independently.

## Education

### University of Minnesota

Certificate in Full Stack Web Development – College of Continuing and Professional Studies Coding Bootcamp 2018

### Minneapolis College of Art and Design Bachelor of Fine Arts

Visual Communications–  
Graphic Design major

### University of Minnesota-Duluth

Art major, Graphic Design emphasis

### Continued Studies

- Website design seminars
- MCAD web design course
- Twin Cities *DrupalCamp* 2012, 2014, 2018

## Career Experience

### Joe Gravity Design: **Owner/Artist** 1990 – present

Web development, graphic design, illustration.

Clients have included:

#### Medivators Inc.: **Graphic design, website management, video production**

- Produce, maintain and expand extensive Drupal CMS-based website.
- Implemented Google Analytics and Drupal native data tracking.
- Designed print and digital ads plus logos and presentations.
- Produced promo video: storyboards, direction, shooting and digital editing.

#### Travel Graphics International: **Graphic design, illustration, print production**

- Illustration, design and production of various tourist maps

#### Medcare Products, Inc.: **Graphic/web design, photography, illustration**

- Designed and produced brochures, manuals, sellsheets, tradeshow displays, promo materials and other print collateral.
- Redesigned, built and maintained 100+ page company website.

#### Edina Skin Care Specialists: **Wordpress development**

- Update and modify website.

#### Carlson Marketing Group\*: **Production art**

- High-level print preparation and mockups for various marketing collateral, including brochures, posters, and direct-mail pieces.

#### University of Minnesota\*: **Graphic/web design**

- Designed and produced brochures for English and History Departments
- Developed branding for College of Continuing Ed. Information Technology courses, including graphics standards manual, web pages, photo art direction and print collateral
- Designed and coded 64-page Bachelor of Applied Science program website

#### Minnesota Physician Publishing: **Art Director** 2015–16

Designed, selected images and typography and produced layouts of monthly print magazines plus associated collateral and customer advertisements in collaboration with editors and publisher. Advised, directed and consult photographers. Maintained software systems and archives. Designed and programmed company websites.

#### Intercross: **Senior Graphic Designer** 2004–2013

Designed and produced print and web graphics for major local corporations. Projects included ads, brochures, displays, packaging, collateral, storyboards, websites and email marketing. Extensive brand and logo development. Mac software and hardware maintenance, press checks.

## Technical Skills

### Web design and development:

- Coding: HTML, CSS, JavaScript, jQuery, Bootstrap, Terminal, VS Code, Atom, Sublime, Adobe Dreamweaver
- CMS theming and implementation: Drupal, Wordpress
- Adobe XD prototyping, Balsamiq wireframing
- README markdown documentation: MacDown, Xcode
- Databases: MySQL, MongoDB, Sequelize, MySQLWorkbench, Firebase, PHPmyAdmin, Robo 3T, JAWS
- Node.js server environment: React, Momentjs, Express, Handlebars

### Computer science basics:

- Algorithm concepts
- MVC architecture
- RESTful programming; media queries using JSON and AJAX with various APIs
- Debugging with Google DevTools and Firebug
- GitHub version control and publishing
- Deployment with Heroku and other hosts

### Other skills:

- Mastery of graphics software, including Quark Xpress and Adobe Creative Suite (InDesign, Illustrator, Photoshop, Acrobat)
- Extensive print, package and display design and mockup experience
- Video production with Final Cut Pro and iMovie
- MS Office (Word, Excel, PowerPoint), Apple iWork (Keynote, Numbers, Pages), Apache OpenOffice, Google Docs
- Hardware and software installation, backup, archive and server management

## Projects

### “Finding Fido” 2018

- Rescue dog adoption web app. JSON Data sourced from the PetFinder API and Google Maps API and stored on a Google Firebase database.
- Front end developer using Illustrator for mockup, Adobe XD prototyping, and HTML5, CSS, JavaScript, jQuery and Bootstrap. Team managed workflow through Trello and Slack.

<http://bit.ly/findingfido> (prototype)

<https://github.com/casmith205/Finding-Fido>

<https://finding-fido-now.herokuapp.com/homepage.html>

### “Sammie’s Sammies” 2018

- Restaurant app, updates and displays menu items and availability.
- Full Stack Developer using MVC paradigm with a MySQL database using jQuery, Bootstrap, Node.js and npm packages including Express.js and Handlebars.

<https://github.com/JoeGravity/sinksammy>

<https://sinksammy.herokuapp.com/>

### “Clickety Clack Game” 2018

- Train-themed memory game built with React.js, Yarn, js jQuery, Bootstrap, Node.js, and Adobe Typekit fonts.
- Full Stack Developer using Node, React, Yarn and Adobe Typekit fonts.

<https://github.com/JoeGravity/clickety>

<http://joegravity.com/build/>