

M Darga

Software Engineer

www.dargaCode.com

Accomplished technology professional of 10 years, now focused on software development. Dedicated to making useful products, solving tough problems, and pursuing life-long learning.

Darkest Timeline Me

Project - Jan 2017

- Let users overlay their photo with an evil beard via **HTML5 Canvas**
- Focused on **Object Oriented Design** and custom event handling

Apartment Highlights

Project - Sept 2016

- Shorten apartment description to query-relevant snippet via **Node.js**
- Match query keywords to relevant categories using dictionaries

RESTful CRUD Blog

Project - May 2016

- **Node.js/Express.js** CRUD app using RESTful routes.
- Render views from **EJS** templates and store posts in **MongoDB**

Animated Sorting

Project - Oct 2015

- 3 sorting animations made with formatted text in the **C** console
- Required use of delays, ANSI formatting, and program arguments

Storm8
Sr Economy Designer
2012 – 2015

- Owned creation and maintenance of 5 mobile game economies
- Generated **SQL inserts** from tuning values, reducing human error
- Helped design **database schemas** for new games and features

Digital Chocolate
Studio Director
2010 – 2011

- Oversaw hiring, compensation, and promotion of 30 team members
- Worked closely with C-Staff to set product roadmap and staffing plan
- Won CEO's annual "Fearless Leader" award for improving morale

Zynga
Economy Designer
2010 – 2010

- Tuned game economy and features to reach metric-driven goals
- Ran **A/B tests** to objectively evaluate features and tuning decisions
- Released **weekly updates** to Cafe World's 30 Million active users

Cryptic Studios
Combat Designer
2008 – 2010

- Designed and tuned over 5000 MMORPG enemies and abilities
- Programmed small **C# tools** to improve my efficiency and accuracy
- Collaborated with engineers to profile and **optimize** combat abilities

Electronic Arts
Systems Designer
2005 – 2008

- Designed and tuned 9 expansion packs for The Sims 2
- Programmed a simple **C# tool** adopted by my 60-person team
- Tracked down persistent bugs and obscure **edge cases**

LANGUAGES

- JavaScript
- CSS
- HTML
- C
- C#

ENVIRONMENTS

- Node.js

FRAMEWORKS

- Express.js

LIBRARIES

- jQuery
- Bootstrap

DATABASES

- MongoDB
- MySQL

TOOLS

- Git

Carnegie Mellon University
BA Professional Writing
2005

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