

## //Education

Colorado State University  
Bachelor of Fine Arts  
Concentration in Graphic Design  
Graduate 2012

## //Proficiencies

### Languages

JavaScript/TypeScript  
Java  
Python  
C#  
NetSuite  
SQL  
HTML 5  
CSS 3

### Design

Adobe Design Suite  
Solid Works  
Autodesk Maya  
Unity Engine

## //Skills

GUI Design & Development  
Netsuite Cloud Commerce  
3D Development, CAD, WebGL  
Database platforms - MONGO, RethinkDB, SQL  
Project frameworks - Maven, ANT  
MEAN stack development  
Planning & Working in Agile/Scrum methodology

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Brent Shanahan

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software.Engineer

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## //Previous Employment

### Archarithms A2i

Government Contractor | Commercial Contractor  
Software Engineer

December 2014 - Present

Graphical User Interface / Java Development / 3D development and simulation

- Developed multi-service 3D GUI Utilizing CesiumJS- Javascript, WebGL, MEAN stack
- GUI interfaced with multiple back end processes via polyglot TSL/SSL messaging system
- Designed and Developed 3D UAV simulation - Javascript/C#, NodeJS, Unity Engine
- Wrote way-point navigation and flight control systems for autonomous UAV flight
- Assisted in design and development of wishlist based e-commerce website - PHP, Javascript, HTML, CSS
- Collaborated development for system-on-module adaptation for legacy fire control systems to interface with novel sensors and data-sources - Java, Android
- Knowledge of geodetic translational mathematics
- Perform maintenance on all company websites

### Milner Distribution Alliance

Maxx Sunglasses | 3DP VISION | Maxx Hydro Graphics | Golden Vision Studio  
Director of Industrial Design

October 2013 - October 2014

Web Development / Industrial Design / Graphic Design

- Coded all four websites - Javascript/PHP/HTML5/CSS3
- Managed a team of designers
- Primary site developed in Netsuite cloud commerce suite
- UI/UX Design
- Primary Design Engineer for all optical products
- Worked with the latest in SLS manufacturing 3D printers

### White Light Brands

Hairpin Legs for Less | Rocky Mountain Table Co | DIY Furniture  
Director of Design

February 2013 - December 2014

Web Development / Industrial Design / Graphic Design

- Web design and development - PHP/Javascript/HTML5/CSS3
- Collaborated on interactive e-commerce web app
- Web app UI/UX design
- Created Company Branding
- Designed and 3D rendered custom client requests

## //Contract Work

### Colorado Department of Higher Education

Web App Development  
December 2013

- Web app development - Visual Basic, ASP.NET, SQL