# Bryan Elliott

## Senior Software Engineer

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* Web and Java development, user experience design, project architecture
* Years of Experience: 11

## SKILLS

### General skills

* Front-end web development
* Server-side / Java development
* User interacton and experience
* Informaton architecture
* Sofware and systems development
* Content management system development
* Continuous integration
* Docker / Rancher container management

### Languages

#### Professional - languages in which I have written deliverable code

* JavaScript
* Java
* HTML5
* XML
* Handlebars
* CSS
* LESS
* Objective C
* ANTLR
* PEG
* Groovy
* Ruby
* SASS
* SCSS
* ECMAScript 6

#### Hobby - languages in which I done signifcant personal work

* C#
* C++
* C
* Arduino
* TypeScript
* Lua
* Waxeye
* Python
* Go
* Haxe
* GDScript

### Version control systems

* SVN
* Git
* CVS
* Hg
* Bazaar

## Specific Experience

### [Bentley Systems](https://bentley.com) - 09/2024 to Present

* Part of the Cesium Infrastructure and Cesium Ion squads
* Geospatial data transforms
* Continuous Integration
* UI development
* Github Actions
* Security scanning and static analysis
* Deployment automation

### [Cesium GS, Inc.](https://github.com/CesiumGS) - 08/2023 to 08/2024

#### Senior Software Developer

* Part of the Smart Construction squad at Cesium, working in coordination with EARTHBRAIN and Komatsu
* Worked with 3D geospatial data, transforms, formats, and experiences
* Primary work in Javascript - client and server-side
* Occasional secondary work in Unity / C++ for Smart Construction VR
* Proud to finally be part of an open-source company

### Comcast - 11/2017 to 08/2023

#### UI Developer

* Responsible for maintaining existing Angular 1.x MyAccount application
* Disassembled MyAccount into micro-apps, porting functionality from Angular 1.x to React / Redux
* Implemented OAuth2 client SSO for various user flows
* Implemented client-side payment encryption
* Implemented build/deploy logic atop existing gulp and CRA2 scripts

### Orbis Technologies, Inc. - 09/2011 to 11/2017

#### UX Architect

* Responsible for development of the user interface of RSuite 5 and RSuite 4, including specification and development of REST services in Java
* Rebuilt RSuite from scratch using Ember.js, Handlebars, and LESS
* Built Java-based minification/concatenation for Javascript and LESS/CSS resources
* Refactored RSuite 3.6 to RSuite 3.7 to solve a large number of performance and usability issues.
* Developed client-side plugin framework and implemented many plugins for RSuite
* Extended preexisting server-side plugin framework using Java annotations and reflection

### TrueAction, Inc. - 07/2009 to 09/2011

#### Sr. Web Developer

* Collaborated on large, tight-deadline e-commerce projects
* Learned Java, SVN, Git, and formal sofware architecture
* Worked with jQuery, Prototype, Spring, Maven

### Sevens and Sixes - 11/2007 to 07/2009

#### Web Developer (Contract)

* Interacted with clients
* Estmated projects
* Mobile web development
* MVC architecture (via CakePHP)
* XHTML 1.0 / CSS2

### I-Site, Inc. - 11/2008 to 07/2009

#### Web Developer

* Developed advert sing sites for a number of clients using PHP (v5, OOP), Drupal, Flash
* Developed the iGorilla app in Objective C
* Learned Google Maps API, Linux server admin, Apache config, jQuery

### Abacus Studios, Inc. - 05/2006 to 07/2009

#### Web developer (Contract partner)

* Developed websites and shops to clients’ specifcatons and partner’s design
* Learned Javascript, Prototype, PHP (v4, functional), Paypal API, cross-browser design implementaton, automated maintenance, test-driven development

### Wharton Alumni Affairs - 01/2006 to 05/2006

#### Web developer (Project)

* Reallocated from my job as Administratve Assistant to build the Wharton Alumni Affairs website
* Leaned HTML 4.01 and CSS, as well as basic JavaScript, ColdFusion, and other early web technologies