Cale Dunlap, Senior Software Developer

(650) 307 4914, cale.dunlap@gmail.com

LINKS

https://cale.codes, https://github.com/cdunlap, https://www.linkedin.com/in/cdunlap/

PROFILE

I'm a syntactically diverse developer with 15 years of experience in full-stack web and video game development. I am passionate about learning, improving, and sharing with others what I've discovered through experience, education, and self-teaching.

EMPLOYMENT HISTORY

Mar 2013 — Dec 2020

Senior Interactive Developer, Column Five
Costa Mesa, CA

- Develop interactive content and data visualizations for agency customers such as Microsoft, Northwestern University, Zendesk, and many others
- Manage company AWS and Azure infrastructure
- Created in-house build and deploy system for static websites using Git and PHP

Dec 2011 — Feb 2013

Software Engineer, TRX (Concur)
Atlanta, GA

- Developed RESTful API services in C# and ASP.NET MVC WebAPI, providing application functionality to other departments, organizations, internal, and external customers

Dec 2009 — Dec 2011

Serious Games Programmer, Research Network
Kennesaw, GA

- Develop person-worn dismount training systems for the US Army utilizing Valve's Source Engine combined with speech recognition, motion capture equipment, and other hardware using C and C++.
- Implemented speech and gesture recognition using audio and motion capture hardware
- Improved SimBridge middleware to process live motion-capture data in real-time by adding stateless networking over UDP

Mar 2005 — Dec 2009

Software Engineer; Systems Engineer, TRX (Concur)
Atlanta, GA

- Build features for existing corporate travel and financial reporting system using Delphi 6, MSSQL 2005, and HTML/CSS/Javascript.
- Managed VMWare ESX clusters containing over 400 guest VM's on 12 host systems

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EDUCATION

Jan 2020 — Present

MCS, Master of Computer Science, Arizona State University
Online

Aug 2007 — Jul 2011

BS, Game & Simulation Programming, DeVry University
Online

Aug 2003 — Jul 2005

AAS, Computer Information Systems, Chippewa Valley Technical College
Eau Claire, WI

SKILLS

C++	PHP
C#	Vue
HTML & CSS	SQL
JavaScript	Git
Node.js	Bootstrap
Express.js	Source Engine

REFERENCES

References available upon request