David Dietrich

Software Developer
Waterloo, Ontario

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david.drich@gmail.com
github.com/godares79

Objective

Experienced software developer seeking position in a fast-paced and challenging environment. Thrives in ambiguity. Proven tech lead in both Eng and Eng Productivity roles. (Maybe 1 or 2 more sentences).

Work Experience

Google   USA/Japan/Canada
Software Engineer - Google Cloud   Jan 2022 - Apr 2023
Software Engineer - Android Platform   Mar 2020 - Jan 2022
Software Engineer, Tools and Infrastructure - Google Maps   Jan 2014 - Mar 2020

- Created Terraform and Kubernetes configurations, release pipeline, and probers for Multi-Single Tenant GKE clusters.
- Drove decision to migrate unreleased Cloud product from GCP VMs to GKE, reducing work required for release by several eng months.
- Talk about the new config and migration to reduce complexity and LOCs of Android Platform tests
- Talk about the Maps presubmit/postsubmit/flakiness/test complexity reduction work
- Talk about the Maps build velocity work
- Talk about the Android Auto test suite

University of Waterloo   Waterloo, ON
Research Assistant: Formal Methods Lab   Sept 2011 - May 2013

- Created and extended modelling languages and model verification tooling in an automotive context.
- Performed research presentations for industrial partners and visiting researchers.

University of Alberta   Edmonton, AB
Web Developer   May 2011 - Sept 2011

- Created web-based info system for storing, editing, and searching faculty profiles at the University of Alberta using PHP, HTML, and JS.

Energy Navigator Inc.   Calgary, AB
Junior Software Developer   May 2009 - Aug 2010

- Code and tooling for AFE Navigator, an expenditure tracking platform for energy companies.
- Primarily worked in C#. Additionally, some VB.NET, Java, and PL/SQL.

Education

University of Waterloo   Waterloo, ON
M.Math Computer Science   2011 - 2013

- Thesis Topic: A Mode-Based Behaviour Pattern for Feature Requirements, and a Generic Feature Interface
- GPA: **89/100**
- List out publications if they fit...

University of Alberta   Edmonton, AB
B.Sc. Computer Science   2006 - 2011
   – GPA: **3.6/4.0**

Technical Skills

Frameworks: Bazel, GKE, GCP, Terraform
Languages: Python, Java