

***Clay Teeter, Chief Technology Officer, Maalka***

***Education and Training***

**University of Washington, Seattle, WA 2006**

BSc Physics

**Bellevue Community College, Bellevue, WA 2004**

AAS

***Professional Experience***

**Maalka, Chief Executive Officer (Sept. 2014 - Present)**

- Lead technical development of open platform for public and private building portfolio owners to manage data, teams, and processes for thousands of buildings at a time
- Lead integration of public open initiatives (e.g. Portfolio Manager, SEED, DSIRE) and data services (e.g. NOAA, GreenButton) into Maalka platform
- Lead design and development teams in developing open analytics and visual building data applications
- Support CEO and CIO and in budget and leadership decisions

**Declarra, Inc., VP Engineering (June 2013 - November 2014)**

- Built and managed 15 person engineering office in Boise to support Web and Mobile product initiatives.
- Recruited, managed, mentored and led 20 SDE, Storage Engineers and Project Managers in the Palo Alto and Boise offices across the domains of Data Science, Web, Mobile, Platform and Search.
- Directly supported the CEO and CTO in quarterly OKR, Budget and Leadership decisions.
- Hands on coding, development and architecting across all software development domains. Particular focus was given to iOS, Web technologies (AngularJS, Node, Django, REST, ElasticSearch), AWS technologies
- Lead quarterly company wide product innovation events.

**3TIER, Inc., Lead Software Design Engineer (2007 – 2013)**

- Led the client team to design and implement the enterprise 3TIER client dashboard and suite of products, including: “Interactive dashboard” (igoogle for weather/power forecasts), in-house CMS for Marketing, and advanced rights and roles (RBAC model).
- Led design and implementation of a Matplotlib ([www.matplotlib.org](http://www.matplotlib.org)) based web rendering system for customer data within the “dashboard
- Built a web-time tile mapping service (TMS) around public domain and proprietary numerical weather prediction (NWP) data-sets. The rendering engine is capable of creating KMZ, shaded relief, PDF, PNG, and other GIS data sets in any supported projection, including up and down sampling, pseudo color maps, and clipping / buffering.
- Designed and implemented the time-series data store within the PostgreSQL database. This time series data store contains all Forecast related time series generated from the beginning of time at 3TIER (about 500G or 400M 128h forecasts)