

Tim Cheeseman

CONTACT INFORMATION <https://timcheeseman.com> tim@timcheeseman.com
<https://github.com/cirla>

PROFESSIONAL EXPERIENCE **Compass, Inc.**, New York, NY **January 2022 – Present**
Senior Software Engineer
Transaction Management Infrastructure

Susquehanna International Group, LLP, Bala Cynwyd, PA
Senior Software Developer **September 2018 – December 2021**
July 2013 – November 2014

Developing and maintaining ultra-fast C++ parsers (as well as idiomatic Python and .NET bindings) for a wide variety of market data formats for use in manual and automated trading strategies, with a strong emphasis on reliability and speed.

Developing and maintaining Python applications, web services, and libraries for collecting, generating, and distributing metadata and reference data for market data from a wide variety of sources.

AppNexus, Inc. (now Xandr) Conshohocken, PA **March 2018 – September 2018**
Senior Software Engineer, Team Lead

Team lead for open-source golang Prebid Server project under the Prebid.org organization until acquisition of AppNexus by AT&T.

Managed internal AppNexus employees and coordinated with external contributors and members of multi-company Prebid.org organization.

Monetate, Inc. (now Kibo Commerce) Conshohocken, PA **November 2014 – March 2018**
Senior Software Engineer

Developed and maintained highly scalable web software in Python (Django) driving real-time personalization for large retail brands.

Notable projects included a high-volume, real-time machine learning product built on PySpark and Amazon Kinesis and detailed reporting built on Amazon Redshift and Django.

Bloomberg LP, New York, NY **June 2010 – July 2013**
Financial Software Developer, Technical Trainer

Developed, maintained, and enhanced financial software used by hundreds of thousands of clients.

Worked specifically with charting software and technical strategies (technical indicators and back-testing systems).

Trained junior, senior, and intern new-hire software developers and provided continuing education for junior and senior software developers in both proprietary and industry standard technologies.

TEACHING EXPERIENCE **Drexel University**, Philadelphia, PA **Summer 2011, Summer 2014**
Adjunct Lecturer

Instructed an in-class undergraduate course on data structures and algorithms.

Instructed an online e-learning graduate-level course on database theory.

EDUCATION **Drexel University**, Philadelphia, PA **September 2008 – June 2010**
Master of Science in Computer Science
Bachelor of Science in Computer Science **September 2005 – June 2010**
• Graduation with Honors Distinction

PROFICIENCIES/ACHIEVEMENTS Python, C++, C#, C, Java, F#, Go, JavaScript, Rust, Elm, Elixir
Linux, Git, AWS, Ansible, Elasticsearch, data pipelines, microcontrollers
Eagle Scout (Boy Scouts of America), 2005