

SKILLS:

Languages: Objective-C, C++

- Experience with Java, Oracle SQL, PostgreSQL

Frameworks/APIs: iOS SDK, route-me, GWT, Smart GWT, Spring

Platforms: Mac OSX, Linux, Windows

Tools: Xcode, Eclipse, VIM, git, Testflight

WORK EXPERIENCE:

Saucon Technologies March 2011 – Present

- Develop and maintain multiple customer apps on iOS App Store, approaching 150k downloads worldwide

- Apps cover various target areas, including interactive maps, video, and real-time transit schedules

- Develop and maintain website built with Java/GWT for transit drivers to log driving hours along with Spring layer for interacting with Postgres back-end

- Site included unique driver log data entry and edit functionalities with a focus on ease-of-use

INDEPENDENT PROJECTS:

LEACH Protocol Simulator October 2010 – January 2011

- Designed and implemented simulation suite for LEACH wireless sensor networking protocol to assist in research

Chromovis June 2010 – October 2010

- Designed, implemented and released a puzzle game for the iPhone, iPad and iPod Touch platforms

Ursinus Chapter Association for Computing Machinery 2006 - 2010

- Two years as Chapter Vice-President

RESEARCH:

Dhawan, Akshaye and Stephan Hennion. "*Fault-Tolerant Clustering Models for Wireless Sensor Networks*"

- Presented at Consortium for Computing Sciences in Colleges (CCSCNE) 2010 University of Hartford

ACHIEVEMENTS:

Perfect Quantitative Score on Graduate Record Examination (GRE), October 2010

EDUCATION:

B.S. in Computer Science and Mathematics May 2010