**Team Inventory**

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September 16th, 2017

**Team Name:**

Gnosis Solutions

**Team Members:**

Kalen Wood-Wardlow, Christopher Simcox, Thomas Back, Kristoffer Schindele

**Project Sponsor:**

Dr. Leverington

**Faculty Mentor:**

Dr. Leverington

**Overview:**

The purpose of this document, team inventory, is to expand on each team member, their skills, training and relevant experience each team member has.

**Christopher Simcox **

**Major:** Computer Science **Minor:** Mathematics

**Hometown:** Salome, AZ

**Education:**

* Salome High School
* Northern Arizona University
  + Relevant Classes:
    - CS 399: Mobile Apps
    - CS 460: Computer Networks
    - CS 477: User Interfaces
    - CS 376: Databases

**Work experience:**

* Student Web Developer
  + Worked for Northern Arizona University, NAU, and helped create and maintain backend and connections of NAU’s website.

**Skills:**

* RESTful service implementation
  + Working at NAU I utilized RESTful services for advanced data retrieval and sending done both client and server side scripting to achieve this.
* Firebase and Android Services Integration /w Mobile App Development
  + Working within both my Mobile Apps course and User Interfaces I learned how to integrate many services from Firebase and other Android services to enhance usability and features.
* Languages
  + Proficient with project experience in: Java, HTML, CSS, JS, PHP, SASS.

**Other interests:**

* Mobile App Development:
  + I enjoy developing mobile apps in my free time to solve problems I see in everyday life.
* Learning New Languages
  + Love to learn new languages to erase language boundaries between others so that I may communicate to a much wider audience effectively.

**Thomas Back **

**Major:** Applied Computer Science, **Minor**: Japanese

**Hometown:** San Jose, CA

**Education**:

* Fremont High School
* Northern Arizona University
  + Relevant Classes
    - CS 399: Mobile Apps
    - CS 376: DataBases
    - CS 460: Networking
    - CS 431: Virtual Worlds
* **Work Experience**
  + USGS IT Intern
    - Troubleshooting network and OS issues
    - Wrote python scripts using subprocess library to automate updates/installs on host machines in Active Directory and maintain policy compliance
* **Skills and Relevant Experience**
  + Web Development in personal projects using HTML, CSS, PHP, MySQL, JS, with libraries such as Angular, Node.js and MongoDB
    - Currently developing webgame using Socket.io
  + Developed Sites with Firebase for authentication service and user account information, such as shopping cart, shipping information.
  + Web Games using the pixi.js library
* **Other Interests**
  + Electronic music production, with software such as Ableton..
  + DJ mixing using Pioneer CD-J, Serato mixing software.
  + Learning languages: currently studying Korean alongside formal Japanese education

**Kristoffer Schindele **

**Major:** Computer Science **Minor:** Japanese

**Hometown:** Kihei, HI

**Education:**

* Sedona Red Rock High School
* Northern Arizona University
  + Relevant Classes:
    - CS212 web programming

**Work Experience:**

* Intern: National Parks Service (GCROA) - Online Launch Calendar
  + Expected to independently research/learn technologies and skills required for the project.
  + Work with Ruby on Rails, PostgreSQL, as well as web languages such as HTML, CSS, and Javascript.
  + Hosted on Amazon Web Services.
  + Maintenance web app for all river tours on the Grand Canyon River.
* Intern: Flagstaff Medical Center - Shihooghan Web Application
  + (Same independent nature as above)
  + Work with Django, Python, and Materialize CSS package. Emphasis on ssh tunneling for development.
  + Also hosted on Amazon Web Services
  + Resources web app for patients seeking services who live in remote areas of northern Arizona.

**Relevant Skills:**

* Interest-based study of 3D modeling and game programming.
* Many years of aesthetic experience as an artist.
* Experience with languages including: Python, Java, C, Ruby, Javascript, psql, and CSS.

**Other Interests:**

* Formal Japanese education

**Kalen Wood-Wardlow** 

**Major:** Computer Science **Minor:** Mathematics

**Hometown:** San Diego, CA

**Education:**

* Horizon High School
* Northern Arizona University
  + Relevant Classes:
    - CS212 web programming
    - CS399 Mobile Apps
    - CS477 Advanced UI

**Work Experience:**

* Teaching Assistant - EE222, CS122, CS249
  + Experience reading code in Java, and C.
  + Helping students with their questions and programs
  + Assisting students with debugging their code

**Relevant Skills:**

* 2D Game programming.
* Experience with languages including: Python, Java, C/C++, Ruby, Javascript, PHP, SQL, and CSS.
* Experience with frameworks including: Ruby on Rails, and LibGDX.
* Experience developing on/with the following platforms: Android, iOS, Linux, MacOS, and Windows.

**Other Interests:**

* Snowboarding
* Server Side Game Development.