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**Noah Robert Beer**

**Experience**

**Junior Developer***– Innovative Computer Professionals (ICP)* June 2016 – September 2016

* Assisted in the development of OmniMonitor – Software used to track the activity of an ATM, notifying the owner when something needs to be attended to.
* Yearak Holdings Website – Personally developed a website for Yearak Holdings.

**IT Consultant** –  *St. Thomas Information Technology Services Tech Desk*, St. Paul, MN. September 2016 – May 2017

* Provided expert guidance, instruction, and operational use in relevant hardware and software content and operations, including extensive experience with functionality, setup, and problem resolution.

**Academic Projects –** *University of St. Thomas (Minnesota)*

* *Hug The Angry Jarvis:* Thread based video game with an AI antagonist.
* *Jarvis Dice:* Dice based video game with the option to play with other people/AI players.
* *Online Chat Room:*Allowed for group messaging, audio calling, and video calling. Used Bootstrap
* *Air Quality Web App:*Designed using HTML, CSS, JavaScript, AngularJS, and Google Maps API
* *Cache Simulator:* Implements a flexible cache simulator.
* *UST-3400:* Cycle accurate pipelined simulator GPA: 3.92

**Personal Projects**

* Stoplight Simulator: Thread Based Simulation of a 4-way intersection that allows the user to study how traffic accumulates at a stoplight and how to speed up the process. Currently implementing AI into the program.
* Tree Tops Apparel Website: Designed webpage for the company I started in my Entrepreneurship class. Displayed apparel in appealing fashion and allowed for online orders to be placed.

**Skills**

**Technical Skills** Computer Languages: Proficient in Java – Knowledgeable in C, Python, HTML, and JavaScript, Command Line, R, MIPS, NodeJS,

IDEs: Eclipse, Excel, Linux Command Line, RStudio, Experience with Github

**Leadership** Co-Founder of Tree Tops Threads: Company that helps fight deforestation in California due to wildfires. Generated $4,000 in revenue over 4 months.

Foreman at Varsity Unskilled Labor: Managed a crew of 4 members in the landscaping business.

**Interests**

**Clubs** Computer Science Club where we’re working on a Geology Database Web App, Club Hockey, skiing Club

**Volunteering** Extraordinary Minister of Holy Communion at St. Michael’s Church, Confirmation Sponsor at St. Michael’s Church, Families Moving Forward Volunteer

**Officiating** Active official for USA Hockey and Upper Midwest Lacrosse Official Association for the last 6 years

**Education** *–* 2nd Semester Junior Pursuing a Bachelor of Science Degree in Computer Science and Minoring in Entrepreneurship and Statistics at *The* *University of St. Thomas (Minnesota)*

**Courses Taken** Intro to Programming & Problem Solving, Object Oriented Design & Programming, Web Development, Data Structures, Information Security, Discrete Mathematics, Statistics 1 & 2, Calculus, Computer Architecture, Artificial Intelligence & Robotics.