

NATHAN HALL

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EDUCATION

University of Pittsburgh

BS in Computer Science

Expected Graduation: August 2020

Relevant Courses:

Computer Networks, Software Engineering, Operating Systems, Software Design, Professional Writing

PROJECTS

Cheap Eats Android Application

Team Project | Agile Development

- Full-stack toolchain with XML on the front end, java on the back end, and firebase as the database
- Implemented the following back-end functions: Account creation, account verification, user login, user preferences, password reset, post filtering, and post searching
- Designed the following front-end views: Query, user login, user registration, user settings
- Developed in 4 sprint phases with a kanban board, and GitHub version control
- In charge of leading team meetings twice a week and keeping track of each individual's stories and points

Pitt Social Database Application

Team Project | Iterative Development

- Developed the main application using java, and PostgreSQL used to implement the database systems
- Implemented the following java functions to work with the database: Create user, create group, login, friend request, group request, confirm friend requests, confirm group requests
- Created the driver file for other team members to test the correctness of functions for the main program
- Used GitHub version control for collaboration between team members

Personal Webpage

Personal Project | Iterative Development

- Personal webpage developed for a simple record of projects, experience, and education
- Created using NodeJS, ReactJS, CSS, and HTML
- Used GitHub pages to deploy the webpage and keep source code

WORK EXPERIENCE

Wrestling Coach

West Allegheny School District | November 2017 — March 2019

- Designed and implemented specific strength, dieting, and technique programs for wrestlers
- Analyzed each wrestler's strengths and weaknesses; and offered a solution to address them
- Ran practices 12 hours a week alongside the head coaches, spent 6-7 hours every weekend at various tournaments throughout the season
- Coached 10 state qualifiers, 6 state placers, 15+ regional qualifiers, 12 regional placers, 25+ sectional qualifiers, and 20 sectional placers

Wait Staff

Gateway Clipper | April 2016 — January 2019

- Worked 10-20 hours a week, mainly on nights and weekends
- Earned employee of the month in December 2017
- Was the longest standing wait staff, and trained over 20 new employees

SKILLS

Languages: C, C++, CSS, HTML, Java, JavaScript, NodeJS, Python, SQL

Technical: Android, Excel, GitHub, Word

Soft: Analytical, Attention to Detail, Flexible, Problem-Solving, Initiative, Team Leader