Daniel Eap

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EDUCATION

Temple University, Philadelphia, PA   GPA 3.82
Bachelor of Science, Computer Science   Expected Graduation: June 2024

RELEVANT COURSEWORK

Data Structures and Algorithms, Systems Programming and Operating Systems, Computational Probability and Statistics, Software Design, Web Application Development, UX Design, React

TECHNICAL SKILLS

Languages: Java, C, JavaScript, HTML, CSS, C#, Python, SQL
Operating Systems: MacOS, Windows, Linux(Ubuntu)
Software Technologies: Visual Studio Code, Visual Studio, Git, GitHub, Microsoft Power Platform, Microsoft SQL Management Studio, ASP.NET, Bootstrap

WORK EXPERIENCE

Pennsylvania Treasury Bureau of IT   Remote | June 2023 - August 2023
Information Technology / Software Development Intern
- Developed an internal dashboard with frontend using javascript and backend using C# and SQL, utilizing ASP.NET framework with MVC design pattern used for data processing and security measures.
- Created proof of concept using Microsoft Power Platform to automate processes in the organization and eventually transitioned into production.
- Documented comprehensive procedures for GitHub usage and helped to transition existing codebase to GitHub.
- Conducted extensive testing for application functionality and performance for embedded kiosk systems.

Temple University   August 2023 - Present
Peer Tutor - Computer Science
- Conducted sessions with peers providing guidance for all computer science degree material.

Starbucks Corporation   May 2019 - June 2020
Barista and Trainer
- Acted in a team environment and communicated with colleagues in order to craft food and drink products that achieved company and customer health, safety, and quality standards in a timely manner.
- Trained five new employees through coaching and demonstration of the duties that were expected for the job in result helping the team's ability to work more efficiently.

TECHNICAL PROJECTS

Color Blindness Image Enhancer
- Hackathon project: Collaborated with 3 teammates and created an award winning project. Worked in python using numpy and tkinter to create a user interface to achieve inclusive education for people with color blindness through picture alteration.

Mock Shell
- Used C to create a variation of the bash shell to process capabilities of bash such as redirection, piping, and background processing to function within a Unix environment.

Sudoku Solver
- Coded methods to create a recursive backtracking algorithm in order to solve a sudoku board in the form of a two-dimensional array using Java.

AFFILIATIONS

Association for Computing Machinery	UNICEF x Temple	Temple Swinging Owls Jazz Band
Health Without Boundaries	Temple University Esports Club	

Working With PEOPLE:

Communication
Address
Clarify
Collaborate
Communicate
Compose
Correspond
Demonstrate
Document
Edit
Entertain
Exhibit
Explain
Express
Illustrate
Interpret
Interview
Investigate
Lecture
Perform
Plan
Present
Promote
Proofread
Read
Relate
Relay
Report
Review
Revise
Speak
Summarize
Survey
Translate
Transcribe
Write

Teaching/ Advising
Advise
Correct
Counsel
Demonstrate
Display
Encourage
Enlist
Ensure
Grade
Guide
Influence
Instruct
Introduce
Lecture
Mentor
Program
Provide
Rate

Steer
Suggest
Support
Teach
Test
Train
Tutor

Public Relations
Advertise
Advocate
Attend
Coordinate
Convince
Dispense
Disseminate
Distribute
Fundraise
Influence
Lobby
Persuade
Poster
Publicize
Publish
Recruit
Screen
Sell
Service
Target

Interpersonal Relations
Acclimate
Accommodate
Adapt
Answer
Anticipate
Assure
Bargain
Care
Coach
Collaborate
Confer
Confront
Consult
Converse
Critique
Develop
Encourage
Familiarize
Form
Foster
Fulfill
Implement
Inform
Interact
Intervene
Join
Listen
Litigate

Mediate
Model
Motivate
Negotiate
Participate
Provide
Recommend
Reconcile
Rehabilitate
Represent
Resolve
Share
Suggest
Treat

Administrative/ Management
Accelerate
Accomplish
Achieve
Act
Administer
Allocate
Approve
Assign
Assess
Attain
Benchmark
Chair
Commend
Compromise
Consolidate
Control
Delegate
Direct
Enforce
Entrust
Expedite
Govern
Head
Hire
Improvise
Initiate
Institute
Judge
Lead
Maintain
Manage
Moderate
Monitor
Officiate
Order
Oversee
Prescreen
Preside
Prioritize
Produce
Prohibit
Refer

Regulate
Run
Start
Streamline
Strengthen
Supervise

Working With DATA:

Research/ Analysis
Acquire
Analyze
Classify
Collate
Collect
Compile
Conduct
Data
Deliver
Detect
Determine
Discover
Dissect
Evaluate
Explore
Examine
Formulate
Gather
Identify
Inspect
Investigate
Locate
Name
Obtain
Pinpoint
Prepare
Prioritize
Research
Specify
Survey
Test
Trace
Track
Verify

Numbers/ Finance
Abstract
Account
Add
Appraise
Audit
Budget
Calculate
Collect
Compute
Decrease
Determine

Divide
Enter (data)
Estimate
File
Finance
Formulate
Increase
Insure
Inventory
Invest
Market
Maximize
Minimize
Multiply
Process
Project
Purchase
Record
Reduce
Solve
Quantify

Organization
Appraise
Apply
Arrange
Balance
Catalog
Categorize
Connect
Coordinate
Define
Edit
Establish
Facilitate
File
Group
Issue
Modify
Orchestrate
Organize
Overhaul
Place
Prepare
Program
Qualify
Reorganize
Rewrite
Schedule
Set
Sort

Working With THINGS:

Development
Assemble
Build
Customize
Design

Enlarge
Format
Improve
Install
Fix
Function
Manufacture
Navigate
Operate
Propose
Refinish
Renovate
Repair
Restore
Update
Upgrade

Creating/ Generating
Construct
Landscape
Produce
Shape
Utilize

Working With IDEAS:

Development
Adjust
Compose
Develop
Devise
Guide
Implement
Innovate
Invent
Make

Creating/ Generating
Activate
Complete
Conserve
Contract
Create
Discover
Draft
Draw
Engineer
Execute
Expand
Generate
Inaugurate
Launch
Modify
Mold
Reconstruct
Synthesize
Transform

Unite

Universal
Act
Apply
Anticipate
Change
Check
Contribute
Cover
Decide
Define
Diagnose
Effect
Eliminate
Emphasize
Establish
Facilitate
Forecast
Found
Give
Navigate
Offer
Perform
Propose
Refer
Referee
Register
Reinforce
Resolve
Respond
Retrieve
Save
Select
Serve
Set
Simplify
Study
Take
Travel
Use
Win

Weak Verbs
Do Not Use
Aid
Assist
Deal
Enhance
Gain
Handle
Help
Learn
Receive
Seek Out
Set Up
Tolerate
Understand