Dylan Strnad

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EDUCATION

Bachelor of Science in Computer Science Expected**:** December 2026

Kent State University, Kent, OH

GPA: 3.76| Dean's list (Spring 2023, Fall 2023, Spring 2024, Fall 2024, Spring 2025)

high school: Danbury Local Schools K-12 (GPA: 3.84)

Relevant Coursework: Data Structures and Abstraction, Object Oriented Programming, Procedural Programming, Computer Science Principles, Computer Communication Networks, Intro to Database Design, Operating Systems

SKILLS

Programming Languages: C++, Javascript, HTML, CSS, SQL, Python

Software Tools: Visual Studio Code, Apache Subversion, GitHub

Foreign Language: Familiar with Spanish

PROGRAMMING PROJECTS

Color Splode - Group Project (under development)

Languages and Tools Utilized: JavaScript, p5JS

Description:

- Made using p5JS library
- Users can interact and play the current game build
- Scrum development framework

Potato Hunt - Group Project

Languages and Tools Utilized: Pygame, Python

Description:

- Play game through server connection
- Server runs game on one computer
- Another computer used to control game

Btree - Project

Languages and Tools Utilized: C++

Description:

- Binary tree (btree) class organizes data in a tree structure.
- Tree data is stored in ascending order, allowing for efficient search of data.
- Implemented traversal algorithms (pre-order, post-order, in-order) to print out tree data.
- Integrated class template to support data of all types.

WORK EXPERIENCE
Homebuilding – Beach House Design & Development, Manhattan Beach, California (200+ hours worked) 2021 – 2022
Project Address: 3055 Confederate Drive, Marblehead, Ohio, 43440
Project Value: $1.25 million
- Organized building materials onsite and inventoried
- Maintained cleanliness throughout project
- Onsight receiving deliveries – material ETA
- Open and closed site daily for construction workers
- Continue to maintain and report issues to owners (vacation home)

Landscaping – Independent, Marblehead, Ohio and Avon, Ohio (12hours/week) May 2023 – August 2025
Project Address: Redtail 33622 Saint Sharbel, Avon Lake, Ohio, 44012
Project Value: $990,000
- Used architectural blueprint for exterior landscaping
- Collaborated with clients to determine material needs for landscaping projects.
- Maintained landscapes through ground prepping, grass seeding, planting, mulching, and final prep for home renovation sale

Jeweler – Vivid Diamonds & Design, Bay Village, Ohio (32 hours/week) September 2022 – December 2022
- Utilized Matrix & EZCAD (3D modeling software) to design jewelry and metal engravings.
- Demonstrated attention to detail through polishing, soldering necklaces, and casting jewelry.
- Replaced watch batteries and documented tax write-offs.
- Resolved technical issues with office computers and security systems.
- Designed Jewelry for RPM International 75th anniversary

VOLUNTEER WORK
Seed Faith Pantry, Community Service, January 2022 – May 2022
- Performed 20 hours of community service at a local food pantry.
- Organized food donations and assembled furniture.
- Assisted with cleaning tasks, including mopping floors and organizing the pantry.

REFERENCES
Michael Devooght, Devo Capital Management/ Devo Trading and Consulting President
mike@devocapital.com | 303-810-9600

Brian Fowler, Retired radio personality 106.5fm and 99.5fm
brian@visn.net | 440-623-6464

Nick Sanflipo, Real Estate Services
bulsellinvestnow@yahoo.com | 440-220-1800

PERSONALITY TRAITS
Ethically minded, technologically competent, committed, creative, and organized. Enjoy outdoors and physical fitness.