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Brady. Scaggari

I am a junior college student seeking an internship. I am especially interested in building web applications, learning new frameworks, managing datasets and developing software technologies. I'm excited and hopeful for the opportunity to work with people that can help me become a better developer/engineer.

Technologies, Languages, Coursework

- Languages: Java, C, C++, JavaScript, Assembly, HTML, CSS, Perl, Python
- Technologies: Git, MatLab, Linux,
- CS CourseWork: Data structures and Algorithms, OOP, Compilers, Web Development, Software Development
- Math CourseWork: Calculus, Linear Algebra, Numerical Analysis, Discrete Mathematics

Education

- **BS Computer Science, NMSU – 3.6 GPA/3.4 Major GPA**   **May 2025 (est.)**
- **Minor: Mathematics**

Work Experience

Landscaping developer
LandCo Landscape Development & Supply, Albuquerque, NM

- Demolishing old yards and revamping them into beautiful xeriscaped yards that meet customer needs and expectations, leaving the job when the customer was fully satisfied with their end product.
- Accomplishments: starting and completing a handful of projects that range from sprinkler/sod systems to flagstone patios. Learning the importance of meeting a deadline and dealing with being late on deadlines but still finishing a complete product without falling behind.

Server
Gardunos of Mexico, Albuquerque,NM

- Managed up to eight tables at once on any given night. Maintained customer satisfaction. Had good customer hospitality and worked with a team to achieve the same goal. I learned a lot about a working system and teamwork from this job.
- Accomplishments: Gaining knowledge with how to work and act in a professional manner/setting. Learning how to work in a stressful/fast-paced environment. Lastly, dealing with making mistakes and having to lean on colleagues for help during shifts.

Projects

- **Compiler:** Currently working on creating a compiler to execute elementary mathematical methods, declare methods/variables and allocate memory for the program. Use lexical analysis and theorems like the Chomsky hierarchy and Automata to create a symbol table with the help of yacc and other symbol table tools.

- **Recipe Generator:** Working in a team of 4 people to create a UI that generates a set of recipes to cook given the ingredients you already have. The generator can also look for missing ingredients and generate more recipes letting you know what you can make with just one or two more ingredients. The entire project is being built in java and will use

- **Other:** All of my other completed projects will be in repositories on my github account. Things like some basic data structures, a gpa calculator, and some basic GUI programs.

Extra Curricular

- **Atomic Aggies Avionics:** we are developing a portable microcontroller with an antenna to be installed on a payload. That will track things like the height, speed and location of the payload.