Gowan Rowland

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EXPERIENCE

STARA Technologies, Gilbert, Az — *Engineering Intern*

June 2016 - July 2016

STARA Technologies is an engineering firm that focuses on defence. Worked as an engineering intern in the summer of 2016

Sabercat Robotics, Scottsdale, Az — *Chief Mechanical Engineer/CEO*

August 2013 - PRESENT

Worked on the Sabercat Robotics Team for 4 years. Worked on the design, manufacturing, and programming of FRC robots. Everything from Solidworks, to control engineering and programming is under umbrella of skills.

Acme Motorwerks, Scottsdale, Az — *Mechanic/Machinist*

May 2009 - PRESENT

Acme Motorwerks is an auto repair shop. Repaired and restored cars. Weld steel, plasma cut, sandblast, paint, and so on. Worked on older models.

EDUCATION

Saguaro High School, Scottsdale, Az — Class 2017

August 2013 - PRESENT

Attended Saguaro High School for entire Highschool Career. Had significant roles in leading the robotics team, the Model United Nations, and The Saguaro Code Club.

Scottsdale Community College, Scottsdale, Az — *30 Credits*

October 2015 - PRESENT

Experienced most SCC classes through Saguaro's Dual Enrollment program. Has taken Physics, American History 101 and 102, Health Science, Pre Calculus, and Calculus and Analytical Geometry I.

SKILLS

Solidworks

Basic Machining

Welding

Classical Control Systems Engineering

Full Stack Web Development

Auto Repair

CNC Plasma Table Operations

Microsoft Office

Linux (Debian derivatives and Arch)

Redis

LANGUAGES

Java, C++, C, JS, Coffeescript, bash, Lua, Rust, and Python

FRAMEWORKS

Electron, Bootstrap, jQuery, JUnit, OpenCV, scikit learn, wpilibj, etc.