Chris Cole   cccole3@gmail.com

Developing scalable, focused, and robust software solutions is my passion and my strong suit. I'm eager to bring my enthusiasm for development, engineering, and learning to your team.

SKILLS
- 5 years of data analytics and programming experience and driven to learn and master new skills.
- Functional knowledge of TypeScript, NoSQL, Express/Node.js and React.
- Strong programming skills in Python, VBA, SQL, and R.
- Proficient in Spotfire / data visualization.

Lambda Energy Resources, Houston, Texas   **May 2019 – Present**
Petroleum Engineer II
- Developed Python system to Extract, Transform, and Load utility provider data in PDF form to a large scale analytics project resulting in ~$154K yearly savings.
- Created an internal data extraction tool alongside a Spotfire dashboard to model company financials resulting in the direct savings of over $500K per year.
- Designed and implemented company-wide production management tool via MS SQL, Python, and Spotfire to allow for mobile production tracking capabilities to increase operator efficiency and company volumes.
- Automated numerous daily import/export processes to ensure data reliability and consistency.

Texas A&M Geoservices, College Station, Texas   **September 2015 – May 2019**
Student Developer/Technician
- Designed and developed PC application for future deployment with C#, JavaScript, and HTML
- Prototyped Angular application for potential application migration.
- Developed Excel spreadsheets and R tools to manage datasets and increase productivity.
- Created tools to visualize data to facilitate better-made business decisions.
- Interacted with and supported clients daily through email, phone, and chat.

Jetta Operating Company, Fort Worth, Texas   **June 2018 – August 2018**
Reservoir Engineering Intern
- Developed scripts in R and SQL to create custom BI tools that increased company awareness.
- Analyzed and compiled extensive dataset of competitor designs and strategies in West Texas.
- Designed analysis emphasizing characterization of analogous data with statistical modeling.
- Developed advanced Spotfire tools to identify and visualize trends for the development team.
- Created multivariate, distribution, and spatial analyses within Spotfire for future data analysis.

Newfield Exploration, The Woodlands, Texas   **May 2017 – August 2017**
Software Engineering Intern - Land Systems
- Developed Spotfire tools alongside a backend python-driven workflow to create a spatial analysis tool to easily report vast amounts of data.
- Conducted large scale data analysis of proprietary and competitor data.
- Built automated processes to greatly increase and optimize previous workflows.
- Utilized technical skills to present business forward solutions to upper management.

Texas A&M University   **August 2015 - May 2019**
- Bachelor of Science with Honors: Petroleum Engineering

Texas A&M Crew, College Station, Texas   **August 2015 – December 2016**
- Coxswained for novice and varsity boats; both 4 and 8-person boats.