

# CURTIS RUDER

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## Skills

Aspen HYSYS	Aspen PIMS	C++	C#	CSS
Git	HTML	HTTP	Java	Javascript
JSON	MS Office	SASS / SCSS	SQL	Subversion
VB.Net	VBA	Visual Studio	VS Code	XML

## Experience

<b>Baker &amp; O'Brien</b>	<b>Houston, TX</b>	<b>2017 – current</b>
<b>Software Product Manager</b> 2020 - current		
<ul style="list-style-type: none"><li>Product manager for commercial desktop application <i>PRISM™</i></li><li>Set software strategy, vision, and marketing objectives</li><li>Interface directly with clients and business leaders to understand objectives and needs</li><li>Develop and audit internal metrics for software quality and calibration productivity</li></ul>		
<b>Engineering Consultant</b>		<b>2019 - current</b>
<ul style="list-style-type: none"><li>Worked on multiple client projects leveraging experience and technical capabilities to delivery high quality work on time and on budget</li><li>Leveraged self-developed LP framework on multiple 6 figure assignments</li><li>Conducted market analysis on nearly all refining centers in the U.S.</li><li>Developed IMO2020 predictive model and presented results at industry conference</li></ul>		
<b>Software Developer</b>		<b>2018 - current</b>
<ul style="list-style-type: none"><li>Lead developer on 85,000 line code base conversion from VB6 to VB.Net</li><li>Migrated database backend from 32-bit Microsoft Access to SQLite</li><li>Optimized runtime issues resulting in a nearly 80% runtime reduction</li><li>Data entry automation using browser automation, API end points, and direct HTTP requests</li></ul>		
<b>Refinery Modeling Specialist</b>		<b>2017 - current</b>
<ul style="list-style-type: none"><li>Maintain and improve refinery process models for all 125 U.S. refineries</li><li>Parse nearly 25,000 data points per quarter to create industry look back</li><li>Interface with software subscribers to share industry insights</li><li>Leveraged automation and self-created LP framework to eliminate 200 man-hours per month from the data calibration process</li></ul>		
<b>Flint Hills Resources</b>	<b>Corpus Christi, TX</b>	<b>2012 - 2017</b>
<b>E&amp;P Planner</b>		<b>2015 - 2017</b>
<ul style="list-style-type: none"><li>Supported all gasoline blending activities and temporarily all distillate blending</li><li>Identified and championed several multi-million-dollar optimization opportunities</li><li>Calibrated LP yield profile for all conversion units and distillate hydrotreaters</li></ul>		
<b>Process Engineer / Equipment Strategy Engineer</b>		<b>2012 - 2015</b>
<ul style="list-style-type: none"><li>Aspen HYSYS site lead for process unit modeling</li><li>Supported FCC, fixed bed alkylation, coker, and HF alkylation units</li><li>Mentored four process engineers as temporary team lead</li></ul>		
<b>NCRA Refinery (CHS Inc)</b>	<b>McPherson, KS</b>	<b>2009 - 2012</b>
<b>Process Engineer</b>		<b>2009 - 2012</b>
<ul style="list-style-type: none"><li>Supported refinery crude and light ends units</li><li>Lead overnight Process Engineer on major refinery turnaround</li></ul>		

## Education

Fort Hays State University	<b>B.S. Computer Science (4.0 / 4.0)</b>	2020 - 2022
Texas A&M – Corpus Christi	<b>MBA Finance Concentration (3.9 / 4.0)</b>	2016 - 2019
Kansas State University	<b>B.S. Chemical Engineering (3.6 / 4.0)</b>	2004 - 2009