

# JASON BERGER

CAD & Algorithmic Design Engineer

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## SUMMARY

Innovative designer and engineer with expertise in CAD modeling, 3D drafting, and manufacturing technologies. Inventor of a patented spinner ring and experienced in product design, rapid prototyping, and advanced manufacturing techniques. Skilled in utilizing programming to develop and implement algorithmic designs, enhancing efficiency and precision in product development. Adept at translating creative concepts into manufacturable designs while ensuring aesthetic consistency and technical accuracy.

## EDUCATION

### A.S. in Computer Programming

Specialization in C++  
Orange Coast College | 2023

### B.A. in Philosophy

University of California, Irvine | 2007

## SKILLS

- Advanced CAD Tools:  
Rhino/Grasshopper (Expert),  
SolidWorks, ZBrush, Blender, Mastercam
- Prototyping & Manufacturing:  
FDM, SLA, DMLS (Metal) Printing,  
Kuka Robotics, CNC Milling,  
Waterjet Cutting
- Software Expertise:  
Vector/Rasterization Applications,  
3D Animation/Editing Tools,  
Word Processing Suites

## CERTIFICATIONS

- Specialization in Gas-Tungsten Arc  
Welding | 2013
- Leadership Studies | 2006

## PROFESSIONAL EXPERIENCE

### General Manager

California Imports, Pre-Owned Car Dealership | Huntington Beach, CA  
2008 – 2018

- Managed sales operations, including lead response, vehicle presentations, and contract documentation.
- Supervised DMV processing, vehicle processing, accounts payable, and financial reporting.
- Created and analyzed financing accounts, managed collections, and performed credit reporting.
- Produced marketing content through photography, photo editing, and advertisement management.

## NOTABLE ACHIEVEMENTS

- Utility Patent Holder: Inventor of Dual-Band Spinner Ring (Patent #11,224,268), granted January 2022.
- Sculptural Art: Exhibited two sculptures at the Frank M. Doyle Arts Pavilion's Mass Appeal Student Exhibition (2019).
- Published Author: Short story "The Rat-Tail" published in OC Review (2019).
- Design & Business Pitch: Presented a business model and designed a scissor-arm tablet mount for the OCC Pirate's Plank Business Pitch Competition (2019).
- Theatrical Production: Directed and produced an experimental performance of Rosencrantz and Guildenstern Are Dead (2019).

## ADDITIONAL EXPERIENCE

- Modeled, refined, and produced CAD designs for patented spinner rings, ensuring manufacturability and design integrity.