

STEVEN E. KRAUSS

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Github <https://pilot777sk.github.io/Portfolio/> | DeBary, FL 32713

CAREER SUMMARY

I am a passionate goal oriented Web Developer with a decade's worth of professional experience that I am able to leverage from my Engineering, Project Management and Aviation Backgrounds. I am obsessed with expanding my knowledge, solving challenging problems and staying on the leading edge. Special projects include: advanced product quality planning (APQP), component testing failure mode and effects analysis (FMEA), creating and following DFMEA, DFM GD&T and ADV plans. exterior body trim parts (UG computer system). Developed "class "A" surface for both exterior and interior show surfaces which meet all design and packaging criteria. Design and development from renderings and clay modeling. Design and release electrical wiring harness.

Core competencies include:

Product Development * Feasibility Studies * Full implementation Design * Vendor Liaison
Requirements * Relationship Building * Work Scope Definition * Cross Department
Communication * Project Accountability * Analysis/Design

CORE SKILLS

Web Developer

- Programming Languages: JavaScript.
- Markup & Formats: Proficient with HTML, CSS3.
- Database Systems: Experienced with MySQL, FireBase and MongoDB.
- Libraries & Frameworks: jQuery, Prototype, Node.js, Express.js, React.js., Bootstrap
- Version Control: Git / Github

Cad Design Software

- Catia V5
- Unigraphics UG
- Catia
- Prime PDGS – Ford Motors
- CGS – General Motors
- CADAM

SELECTED

ACHIEVEMENTS

- Successfully designed system components to meet customer's technical specifications, awarded 2006 GMC Envoy Denali project 'Specialty Vehicle of the Year' internally at General Motors.
- Responsible for a number of advanced concepts considered for patents
- Responsible for coordination of concept vehicle builds (GM auto show vehicles)
- Led team to accurately assess the feasibility of ~25 projects through feasibility study to create business case justification, alternative plans, risks and estimate the length of projects.
- Budgets estimated, tracked project costs (resources, expenses, capital) and actuals met or came in under budget ranging from \$30K - \$200K
- Successfully achieved tight schedules with timing turnaround 3 to 6 months.

PROFESSIONAL EXPERIENCE

University of Central Florida, **FULL STACK WEB DEVELOPMENT** **FL 2018**

Orlando,

UCF Coding Bootcamp - Javascript Full Stack Web Development

A comprehensive 24-week long boot camp dedicated to designing and building web applications.

Skills learned consisted of HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node JS, MySQL, MongoDB, Express, Handlebars JS, & React JS.

JetBlue Airlines, **AIRLINE PILOT** **Island, NY**

Long

- Pilot for the Embraer 190
- Performed vital programming of flight management systems (FMS) for required operational performance data and flight safety.

Delta Connection - Mesaba / Pinnacle Airlines, **AIRLINE** **PILOT** **Eagan, MN**

- Pilot for the CRJ900

Wheel to Wheel ENG/Tecstar LLC, **MECHANICAL ENGINEER | PROJECT** **MANAGER** **Troy, MI**

- Developed special vehicle appearance packages for OEM and aftermarket customers
- Engineering Design Supervisor (5 years)
- Managed a design group working on exterior body trim parts (UG computer system)
- Conducted design reviews with to ensure technical specifications and customer satisfaction

EDUCATION

UNIVERSITY CENTRAL FLORIDA, | **Full Stack Web Development Certification (2017-2018)**

THOMAS EDISON STATE COLLEGE | **Online BS-Aviation**

(Senior)

OAKLAND COMMUNITY COLLEGE | **General**

Education

PHILPOT DESIGN COURSE | **Automotive Drafting**

Certificate

BATAVIA SCHOOL OF DRAFTING BODY DETAIL | **Automotive Drafting**

Certificate

DETROIT INSTITUTE OF TECHNOLOGY | **Mill Wright Apprenticeship Certificate**____