

Todd J. Hootman

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Summary

Highly analytical and detail-oriented professional with 12+ years of proven success in Civil Design, now transitioning into software development upon completion of an Associate of Applied Science (AAS) degree from Columbus State Community College. Adept at complex problem-solving, project management, and utilizing design software, with a newly acquired proficiency in object-oriented programming, database management, web technologies, and agile development. Eager to leverage a unique blend of technical expertise and practical industry experience to contribute to innovative software solutions.

Skills

- **Programming Languages:** Python, Java, HTML, JavaScript, SQL
- **Web Technologies:** HTML5, Web Development Fundamentals, RESTful APIs
- **Databases:** Relational Database Management Systems, SQL, Database Design
- **Cloud Platforms:** AWS Cloud Practitioner Fundamentals Certification
- **Development Tools & Methodologies:** Git/GitHub, Agile Development Frameworks, Linux Essentials, Visual Studio Code, IntelliJ IDEA, Debugging Techniques
- **Software Design & Engineering:** AutoCAD, Civil 3D, ArcGIS Pro, Project Management Software
- **Core Competencies:** Complex Problem-Solving, Critical Thinking, Project Coordination, Technical Documentation, Data Analysis, Quality Assurance, Attention to Detail, Cross-functional Collaboration

Experience

APRIL 2019 - PRESENT

Kimley-Horn and Associates, Inc., Columbus, Ohio – *Design Associate*

- Support land development and roadway improvement projects with services including site feasibility analysis, grading, drainage, utility design and site layout.
- Performed design calculations related to stormwater management, sanitary sewer, grading and pavement design.
- Work within a team to develop project plans and prepare or review technical specifications and cost estimates.
- Managed office CAD/GIS standards and templates.
- Trained and mentored the development of younger staff.

SEPTEMBER 2015 - APRIL 2019

Coshocton County Engineer, Coshocton, Ohio - *GIS Specialist*

- Produced maps and web applications by implementing AutoCAD and ArcMap software.
- Researched deeds, legal descriptions and survey maps to verify property lines and gather requisite information for GIS mapping.
- Performed geospatial analysis and visualization in support of roadway and public utility projects.
- Managed and organized geospatial datasets including parcels, water utilities, roads and bridges.
- Collect and process GPS field data utilizing ArcGIS Collector.

SEPTEMBER 2012 - SEPTEMBER 2015

Civil & Environmental Consultants, Columbus, Ohio - *Senior CADD Technician*

- Provided support to engineers and designers from conceptual planning through final construction for civil land development projects and oil/gas development projects.
- Prepared site plans, utilities plans, grading and drainage plans, stormwater pollution prevention plans, roadway plans and profiles utilizing AutoCAD Civil 3D software.
- Interpreted and modified data obtained from topographical surveys, well logs and geophysical reports.
- Coordinated with land surveyors to determine necessary field data.
- Maintained and organized all project cad files.

Education

JANUARY 2024 - DECEMBER 2025

Columbus State Community College, Columbus, Ohio - *A.A.S. Computer Science*

JANUARY 2009 - MAY 2011

Central Ohio Technical College, Newark, Ohio - *A.A.S. Civil Drafting and Design*