**Dominick Bolden**

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* Product Engineer experienced in mask/reticle synthesis, batch automation, and scripting in Linux environments
* Experienced EDA professional with an excellent background in reticle synthesis and flow design
* Experienced team leader and member with great communication, problem solving, and technical skills

**Technical Skills & Tools**

**Coding** Python, TCL, Perl, C **EDA/Semiconductor** MaskCompose,QuickView, reticle/wafer

**Languages**  synthesis

**Data Science**/ Excel, data visualization**, Technical Writing** Documentation and version management,

**Analysis** trend/data analysis, statistics Rapid Adoption Kits, product release notes

**Experience**

**Technology Manager – Simple Systems** December 2020 ­­– June 2021

* Leading a team of 4 technicians in providing superior technical support services
* Work with direct reports to develop their career plans and help them reach their goals
* Perform regular customer outreach to ensure sufficient customer satisfaction and support
* Oversee the development of documentation body for technical training and onboarding
* Responsible for coordinating technician activity to ensure customer technical needs are met

**Product Engineer - Cadence Design Systems**  December 2018 – June 2020

* Responsible for product definition and planning of Cadence design for manufacturing (DFM) tools used to create tapeout flows for VLSI designs
* Developed software tools used by semiconductor manufacturers to increase accuracy in error-prone processes
* Provided customers with software tools which eliminated measurement and extraction errors in GDS,OASIS and MEBES design formats
* Engaged in projects which supported shifting customer needs with unique solutions for changing technologies
* Responsible for taking customer product and development issues and creating targeted solutions to increase efficiency and ease of use of Cadence products
* Worked to clarify customer needs and push them forward using familiarity with their technologies and Cadence products
* Held regular meetings with customers and internal engineers to define project goals and communicate project updates
* Used data analysis techniques on design and product performance data to determine ideal solutions and ensure expected product performance
* Participated in flow development projects and worked to provide custom flow support for customer and internal designs
* Managed software documentation, including writing release notes and product manuals for software upgrades
* Handled the maintenance of version management systems, ensuring proper transfer and release of product data

**Radio Frequency Research Intern- Trimbelle Valley Apiary** May 2017 – November 2017

* Utilized radio frequency identification (RFID) chips to track honeybee activity
* Automated data analysis tasks through Visual Basic (VBA) programs

**Education**

**B.S. – Physics**  May 2018 University of Wisconsin-River Falls, River Falls, WI

**Associate of Arts (A.A.)**

North Hennepin Community College, Brooklyn Park, MN May 2014