

# Aleksei Vilkomir

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## PROFESSIONAL PROFILE

Accomplished CS Educator, IT Leader, and Application Developer with over 20 years of experience in higher education and corporate industries. Expertise includes:

- Taught undergraduate Software Engineering and Computer Science classes.
- Updated BS in Software Engineering Program
- Took the role of Undergraduate Program Coordinator
- Took the role of a full-stack developer in an NSF-granted project.
- Extensive experience in Software development and testing.
- **Languages:** English, German, Russian, Ukrainian

## SKILLS

- Course development
  - Classroom management
  - Active learning
  - Positive environment
  - Mentoring
  - Innovation
  - Critical thinking
  - Patience
  - Python
  - Java
  - JavaScript
  - Software Testing
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## EDUCATION

**Master of Software Engineering, *East Carolina University*, Greenville, NC – 2020**

**Master of Computer Information Technologies, *Kharkiv Polytechnical University*, Ukraine – 2002**

**Bachelor of Computer Science, *Kharkiv Polytechnical University*, Ukraine – 2000**

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## CERTIFICATIONS

- **NodeJS (MVC, REST APIs, GraphQL, Deno) Certificate, *Udemy***
  - **Digital Developer Conference: Machine Learning Track, *IBM***
  - **SAS Programming 1: Essentials & SAS SQL 1: Essentials, *SAS***
  - **Certified Tester Foundation Level (CTFL), *ISTQB - International Software Testing Qualifications Board***
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## PROFESSIONAL EXPERIENCE

- Undergraduate Program Coordinator, Department of CS, *East Carolina University*, Greenville, NC** Jul 2023 – Present
  - Administration of the department's BS in Software Engineering program
- Teaching Instructor, Department of CS, *East Carolina University*, Greenville, NC** Aug 2021 – Present
  - Teach various Computer Science and Software Engineering classes.
  - Updated Curriculum for Software Engineering BS program.
- Full-stack Software developer, *East Carolina University*, Greenville, NC** Jan 2021 – Sep 2023
  - Lead full-stack developer in NSF-granted project (Node.js, React.js, Express.js)
- Graduate Assistant, *East Carolina University*, Greenville, NC** Jan 2019 – Dec 2020
  - Teaching and Research Assistant working with Applied Machine Learning for Python.
- IT Manager, *Etex*, Moscow, Russia** Aug 2012 – Jan 2019
  - Internal customer support, SAP integration project management, CRM project management
- Head of Original Equipment Manufacturer (OEM), *Promat GmbH*, Moscow, Russia** Aug 2008 – Aug 2012
  - Led the application development for the sales, market, and solutions departments.
- Business Engineer, *One RF Technology*, Villach, Austria** Sep 2006 – Feb 2008
  - Led the organization of distributor network, new market development, and international relationship management.
- Automatization Engineer, *Nanoshell Materials*, Klagenfurt, Austria** Dec 2005 – Aug 2006
  - Software development for an automated hi-vacuum system and an automated furnace.
- Advanced Software Developer, *UNIQUARE Financial Solutions*, Krumpendorf, Austria** 2001 – Nov 2005
  - Team leader of a group of software developers that analyzed, designed, implemented web-based CRM systems.